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wien

# Annual Report 2016

Faculty of Business, Economics and Statistics





# **Annual Report 2016**

Faculty of Business, Economics and Statistics



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# Foreword

I am pleased to present the first encompassing annual report of the Faculty of Business, Economics and Statistics. While our Faculty has produced research reports in previous years, we now also report on our achievements in teaching and dissemination of knowledge to society at large (so-called third mission).

The annual report for the calendar year 2016 demonstrates our excellent standing in the German-speaking area and beyond. Our research is diverse and covers a broad range of topics. Our experts contribute to understanding issues from routing problems in logistics to explaining patterns of international trade and globalisation, from how consumers are influenced by marketing activities to the determinants of business cycles and growth, from risk taking in financial markets to devising policies for combatting environmental pollution, from developing statistical tools for the analysis of big data to controlled behavioural experiments. With around 5,000 students majoring in one of the topics we offer, we are a leader in educating future experts in Austria in all aspects of Business, Economics and Statistics. We are proud to be part of Austria's prime university and to also train about 1,000 students who complement their majors in other fields at the University of Vienna.

These students take our so-called Erweiterungscurricula (Extension Curricula). In a strategy meeting in November 2015, we decided to devote more time and effort to disseminate our knowledge to society at large and to engage in a dialogue with our various stakeholders. While our Faculty will continue to be internationally oriented in research and to some extent also in teaching, we recognise that having strong roots in Vienna and Austria is important for us.

The report is structured as follows. The Executive Summary provides a concise overview over the key facts at our Faculty. The first part of the report is titled Meet the Faculty. It explains who we are and how we are organised.

The second part provides a detailed documentation of what we have achieved in research in 2016. It lists our publications and our externally funded projects, and mentions some of the services we provide to the profession. The numerous seminar series, workshops and conferences we have organised with researchers from all over the world testify to our attractiveness and our role as a hub of research.

The third part is devoted to teaching and learning. Here, we present our degree programmes, explain how we honour our top students and how we try to attract the best and brightest.

Part four explains how we present ourselves to all those interested in getting to know what we do. We cater to prospective students by using media and a language that appeals to adolescents in their late teens. We use our webpages, social media and even a Youtube channel to reach out to the public. Furthermore we have intensified our efforts to connect to our Alumni. Our aim is to keep them updated on news in our scientific fields. But the dialogue with our Alumni also serves us to learn from their experience which can provide valuable input for our teaching and research.

I hope you will enjoy reading our annual report for the calendar year 2016 and I trust that the articles and individual reports will be informative and noteworthy.



  
Jean-Robert Tyran  
Dean

Universität  
Wien



Universität  
Wien



# Executive Summary

This annual report provides an overview of the activities and achievements of the Faculty of Business, Economics and Statistics in the year 2016. It presents our core Faculty and their research, outlines our teaching activities and study programmes and closes with a summary of our efforts to transfer our knowledge to society and to engage in dialogue with our various stakeholders ("third mission").

Overall, our Faculty is highly committed to provide excellent conditions for our academic staff as well as our students. We are determined to strive for high standards and aim to be among the top in all our core disciplines in the German-speaking area and in the leading group in Europe.

## Meet the Faculty

The heart and soul of our Faculty form the 48 members of the tenured faculty (professors and associate professors) and the 69 members of the non-tenured faculty (assistant professors and post-docs). Many others are essential to maintain our activities at a constantly high quality: external lecturers, student assistants and, importantly, our administration.

The key organisational units of the Faculty are the departments and centres: Business Administration, Business Law, Division of Business Languages, Economics, Economic Sociology, Finance, Statistics and Operations Research, the Vienna Center for Experimental Economics, the Vienna Data Center, and the Vienna Center for Operations Research. Most operative decisions are decentralised and made within departments and centres.

## Research Achievements

Research at our Faculty is diverse and covers a broad range of topics. We want to provide the necessary conditions to enable our academic staff to produce cutting-edge research and to earn international recognition. External funding is an essential driver of much of our research as it provides valuable inputs to reach new discoveries. It allows us to hire extra personnel, buy data, run experiments and establish networks of collaboration abroad. Likewise, external funding can also be seen as a token of recognition for our work by the funding agencies. In 2016, the external funding raised by our Faculty members totals about € 2.8 mio.

Besides planning, executing and publishing research, we also strive to disseminate our insights to the general public, advise practitioners in the private and public sector and contribute to public debate. This report only gives a small glimpse of the myriad of activities our Faculty members are engaged in.

Research is a top priority at our Faculty, not only because it is important for its own sake but also because it is a key input into our teaching. We believe that top-notch education must be research-based at all levels.

## Teaching and Learning

Our Faculty currently teaches more than 5,000 students who major in one of the core fields we offer. About 3,200 students are enrolled in the bachelor's programmes and about 1,600 in the master's programmes. In addition, we have about 200 students enrolled in our various graduate schools (VGSE, VGSF, VGSCO) and other doctoral programmes. In addition, around 1,000 students who major in other subject areas at the University of Vienna attend our extension curricula.

We honour extraordinary performance by our students through special awards like the Class of Excellence, the Master's Student Award and the Master's Thesis Award. To inform prospective students, our Faculty participates in student fairs such as the BeSt<sup>3</sup> in the Wiener Stadthalle, and organises "UniOrientiert" or the "Welcome Day".

## Third Mission: Outreach, Dissemination and Dialogue

We are committed to transferring our knowledge and expertise to our partners in the private and public sectors and to engaging in fruitful dialogue with our various peers in the economy and the society. By doing so, we take responsibility for the society on whose behalf we are working.

We disseminate our knowledge and expertise in public speeches, live discussion events and use various media channels, for example print and electronic media. We are building our social media presence and keep our audiences updated via various channels, like Facebook and our Youtube channel.

*Part 1*

# MEET THE FACULTY



**EDUCATION**

**IS KNOWLEDGE.**

Faculty Key Figures

Organisation of our Faculty

Our Experts

Up and Coming

Honorary Professors

OeNB Visiting Professorship

Visiting Researchers & Guests



## Faculty Key Figures



**69**

Non-tenured faculty

**147**

External teaching personnel

**48**

Tenured faculty

**6**

Other scientific personnel

Faculty of Business, Economics  
and Statistics  
Oskar-Morgenstern-Platz 1  
1090 Vienna

<http://wirtschaftswissenschaften.univie.ac.at>



**106**

Pre-docs & teaching assistants

**52**

External scientific personnel

**78**

Administrative personnel



from left to right:  
Michaela Schaffhauser-Linzatti, Vice Dean (teaching); Jean-Robert Tyran,  
Dean; Nikolaus Hautsch, Vice Dean (research)

## Organisation of our Faculty

### Faculty Board

The Faculty Board consists of the Dean, the two Vice Deans and the directorates of studies who are all appointed for a period of two years. The torch was passed on by Oliver Fabel, who served as our Dean since 2012, to Jean-Robert Tyran in fall 2016. Tyran had previously served as Vice Dean for research. Nikolaus Hautsch has taken over this position from Tyran in 2016 and Michaela Schaffhauser-Linzatti now holds the position of the Vice Dean, responsible for teaching. She has a long-standing experience in this domain as director of studies.

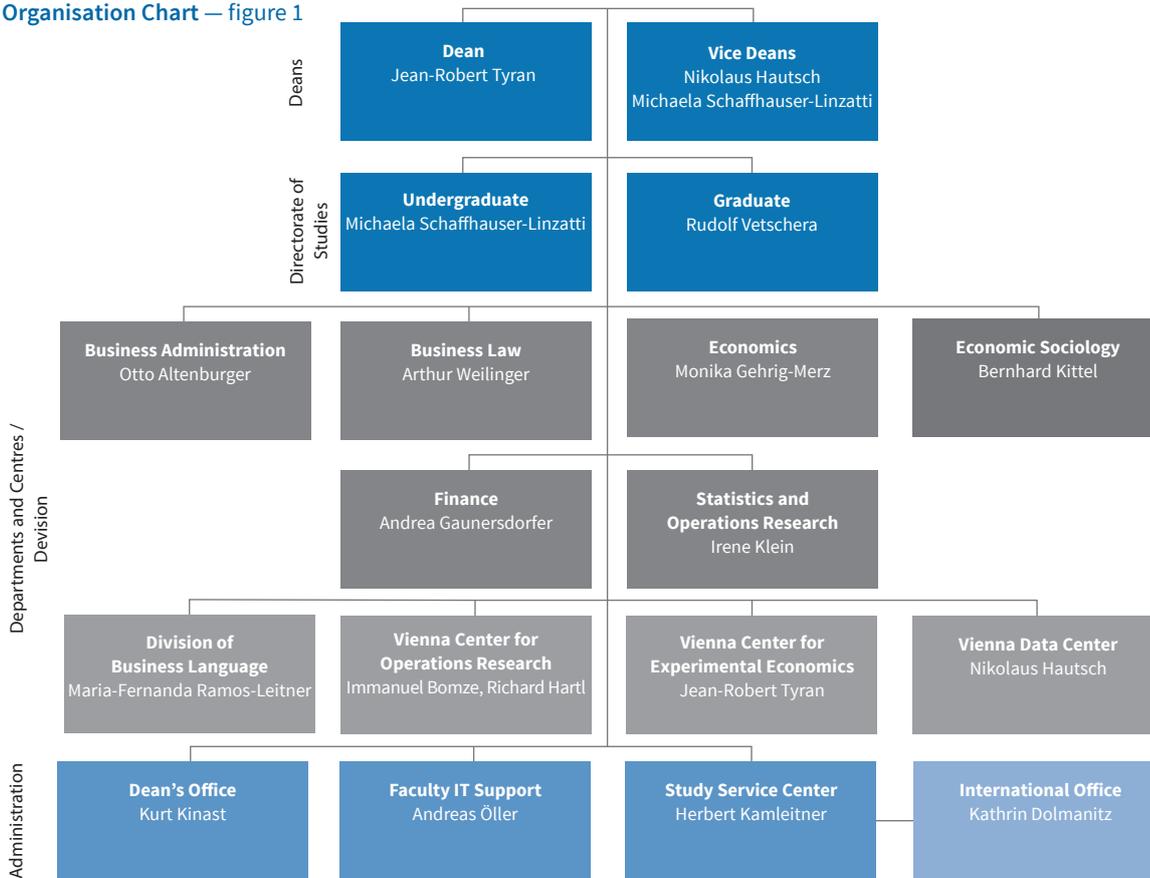
The Dean heads the Faculty and is responsible for its strategic development, budget allocation, and overviews all ongoing operations of the Faculty. He represents the Faculty in public and presides and reports to the Faculty conference which is consulted for all major decisions of the Faculty.

The Vice Deans are in charge of particular domains, i.e. research and teaching, and support the Dean concerning important decisions and advancement of the Faculty. The Vice Dean of research is operatively in charge of all matters concerning research. In particular, he heads the research committee which administers our publication premium system and develops initiatives to promote research and (junior) researchers at the Faculty. The Vice Dean of teaching is operatively responsible for all matters of teaching, overviews the activities of the study

board (SSC), and is in charge of international exchange programmes.

The directorate of studies (SPL) is responsible for organising and drawing up the teaching programme. Together with its team, the directorate deals with aspects related to study organisation and study law and serves as a link between students, teachers and the administration. The studies conference, which consists of an equal number of students and teachers, counsels and supports the directorate of studies.

Organisation Chart — figure 1

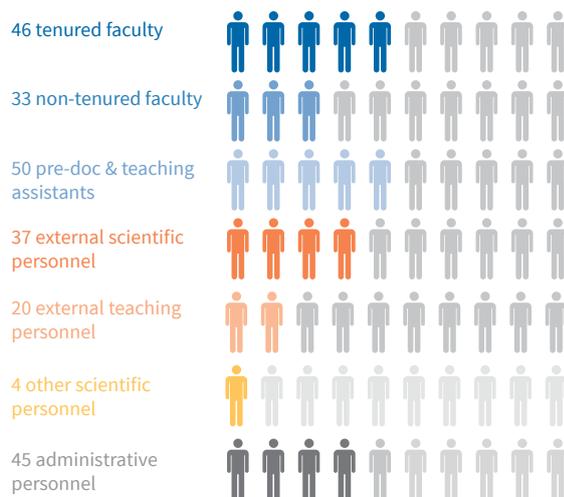


## Our Experts

This part of the report presents our most important asset and the very heart of the organisation – our experts. We group our experts into tenured faculty (professors and associate professors), non-tenured faculty (assistant professors, post-doctoral researches) and visitors. Furthermore, we showcase our "up and coming" junior faculty, i.e. non-tenured researchers who have had outstanding publication success. We proceed by listing our visiting professors, guest researchers and seminar speakers.

Measured by head-counts, our Faculty hosts 117 academics: 48 tenured faculty (professors and associate professors) and 69 non-tenured faculty. However, measured by full-time equivalents, we are only about 80 "units" (so-called full-time-equivalents, FTE) strong. Our core Faculty (tenured and non-tenured) is supported by many external colleagues, tutors, research and teaching assistants. In addition, we have some (mainly post-doc) positions dedicated exclusively to research. In total, the Faculty employs 236 FTE, see figure 2:

Research and Teaching Personnel (FTE) — figure 2

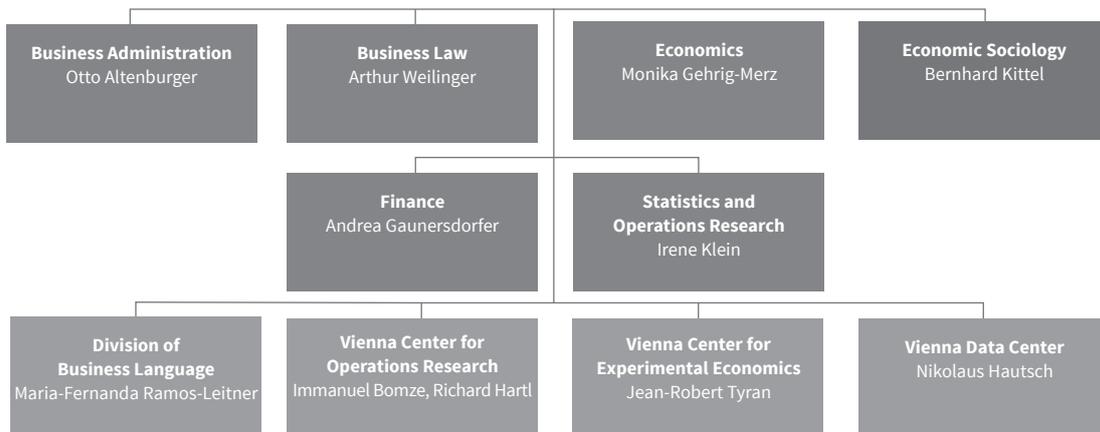


(Reporting System 2016, University of Vienna)

## Departments and Centres/Divisions

The departments and centres are the key organisational units of our Faculty. Most operative decisions are decentralised and made within these units.

Organisation Chart – figure 3



## Incoming Tenured Faculty

There were no incoming tenured faculty in 2016.



## Leaving Tenured Faculty

Since 1975, Kunibert Raffer has been associate professor at the department of economics. His research activities mainly focused on international trade, international finance and development assistance. He officially retired in September 2016. In 2015, he served as a guest

professor at the Universidad del Buenos Aires, as well as the Universidad of Nacional del Sur (Argentina) and since 2010 as Honorary Professor of the Universidad Nacional de Río Negro (Argentina). Furthermore, he was a member of the Sovereign Bankruptcy Group of the International Law Association.

## Tenured Faculty

The following pages list our academic personnel on permanent contracts alphabetically by last name. Below each name, we indicate the academic rank, i.e. (full) professor or associate professor, the department(s) the person is assigned to, the (up to two) research themes (see on the right side of page for a legend), and the main field of research.

CMI = Changing Markets and Institutions  
 CSP = Corporate Strategies and Processes  
 HBE = Human Behaviour and the Economy  
 MR = Management of Resources  
 SRA = Statistics and Risk Analysis



**Altenburger, Otto**  
Professor Business

Themes: CMI, MR  
Field: Accounting



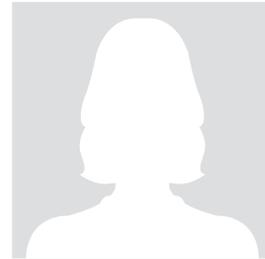
**Ania Martinez, Ana Begona**  
Associate Prof. Business

Themes: CMI, MR  
Field: Microeconomics



**Auer-Srnka, Katharina**  
Associate Prof. Business  
(on leave)

Themes: CMI, HBE  
Field: Marketing



**Blaschke, Sabine**  
Associate Prof. Economic  
Sociology (on leave)

Themes: CMI, HBE  
Field: Economic Sociology



**Bomze, Immanuel**  
Professor ISOR

Themes: CSP, MR  
Field: Statistics and Operations  
Research



**Borrmann, Jörg**  
Associate Prof. Finance

Themes: CMI, MR  
Field: Finance



**Brazda, Johann**  
Associate Prof. Business

Themes: CMI, CSP  
Field: Cooperatives



**Cunat, Alejandro**  
Professor Economics

Themes: CMI, HBE  
Field: International Economics



**Diamantopoulos, Adamantios**  
Professor Business

Themes: CMI, HBE  
Field: Marketing



**Dörner, Karl**  
Professor Business

Themes: MR, SRA  
Field: Operations Management



**Fabel, Oliver**  
Professor Business

Themes: CSP, HBE  
Field: Personnel Management



**Gaunersdorfer, Andrea**  
Associate Prof. Finance

Themes: CMI, SRA  
Field: Finance



**Gehrig, Thomas**  
Professor Finance

Themes: CMI, SRA  
Field: Finance



**Gehrig-Merz, Monika**  
Professor Economics

Themes: CMI  
Field: Macroeconomics



**Gutjahr, Walter**  
Professor ISOR

Themes: HBE, SRA  
Field: Operations Management



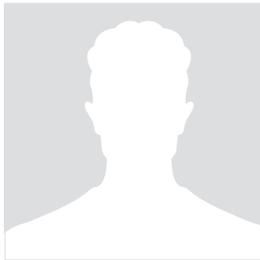
**Hartl, Richard**  
Professor Business

Themes: CSP, MR  
Field: Operations Management



**Hautsch, Nikolaus**  
Professor ISOR

Themes: CMI, SRA  
Field: Finance



**Heidenberger, Kurt**  
Professor Business

Themes: CSP, MR  
Field: Technology Management



**Janssen, Maarten**  
Professor Economics

Themes: CMI, CSP  
Field: Microeconomics



**Keber, Christian**  
Associate Prof. Finance

Themes: CMI, SRA  
Field: Finance



**Kittel, Bernhard**  
Professor Economic Sociology

Themes: CMI, HBE  
Field: Economic Sociology



**Klein, Irene**  
Associate Prof. ISOR

Themes: CMI, SRA  
Field: Mathematical Finance



**Kunst, Robert**  
Professor Economics

Themes: CMI, SRA  
Field: Macroeconomics



**Lechner, Eduard**  
Professor Law

Themes: CSP, HBE  
Field: Law



**Leeb, Hannes**  
Professor ISOR

Themes: SRA  
Field: Statistics



**Lóránth, Gyöngyi**  
Professor Finance

Themes: CMI, CSP  
Field: Finance



**Müller, Wieland**  
Professor VCEE/Economics

Themes: CMI, HBE  
Field: Microeconomics



**Novak, Andreas**  
Associate Prof. Business

Themes: CMI, MR  
Field: Technology Management



**Pfeiffer, Thomas**  
Professor Business

Themes: CSP, MR  
Field: Accounting



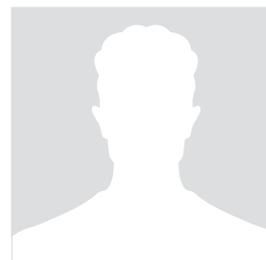
**Pflug, Georg**  
Professor ISOR

Themes: CMI, SRA  
Field: Risk Management



**Podczeck, Konrad**  
Associate Prof. Economics

Themes: CMI, HBE  
Field: Microeconomics



**Pötscher, Benedikt**  
Professor ISOR

Themes: SRA  
Field: Statistics, Econometrics



**Rauner, Marion**  
Associate Prof. Business

Themes: CSP, MR  
Field: Technology Management



**Reisinger, Heribert**  
Associate Prof. Business

Themes: CMI, HBE  
Field: Marketing



**Reitzig, Markus**  
Professor Business

Themes: CMI, CSP  
Field: Strategic Management



**Reschenhofer, Erhard**  
Associate Prof. ISOR

Themes: SRA  
Field: Statistics



**Schachinger, Werner**  
Associate Prof. ISOR  
Themes: MR, SRA  
Field: Statistics



**Schaffhauser-Linzatti, Michaela**  
Associate Prof. Business  
Themes: CMI, MR  
Field: Accounting



**Schlag, Karl**  
Professor Economics  
Themes: CMI, HBE  
Field: Microeconomics



**Schmidt-Dengler, Philipp**  
Professor Economics  
Themes: CMI, HBE  
Field: Microeconomics



**Sorger, Gerhard**  
Professor Economics  
Themes: CMI, MR  
Field: Macroeconomics



**Strauß, Christine**  
Associate Prof. Business  
Themes: CMI, CSP  
Field: Management



**Tyran, Jean-Robert**  
Professor VCEE/Economics  
Themes: CMI, HBE  
Field: Public Economics



**Vetschera, Rudolf**  
Professor Business  
Themes: CSP, MR  
Field: Organisation



**Wagner, Udo**  
Professor Business  
Themes: CMI, HBE  
Field: Marketing



**Weiling, Arthur**  
Professor Law  
Themes: CSP, HBE  
Field: Law



**Windsperger, Josef**  
Associate Prof. Business  
Themes: CSP, MR  
Field: Organisation



**Wirl, Franz**  
Professor Business  
Themes: CMI, MR  
Field: Technology Management

## Non-Tenured Faculty

This page lists our academic personnel on non-permanent contracts, i.e. post-docs and assistant professors. We list personnel funded by regular university resources as well as externally funded personnel alphabetically by last name. We mark people who were not with us all year in 2016 with "joining" and "leaving" respectively.

We indicate the department the person is assigned to in parentheses.

Altenburger, Martin (Business, joining)  
Arslanagic-Kalajdzic, Maja (Business, joining)  
Atzmüller, Christine (Economic Sociology, joining)  
Bednarik, Peter (Economics, joining)  
Braune, Roland (Business)  
Cebiroglu, Gökhan (Statistics & OR)  
Egorov, Yuri (Business, leaving)  
Gansterer, Margaretha (Business)  
Garaus, Marion (Business)  
Garcia, Daniel (Economics)  
Goni-Trafach, Marc (Economics)  
Grafeneder-Weissteiner, Theresa (Economics, leaving)  
Griessmair, Michele (Business)  
Hahnenkamp, Stefan (Business, joining)  
Halkias, Georgios (Business)  
Hazzi, Osama (Economic Sociology, leaving)  
Iannino, Maria Chiara (Finance)  
Ivanova, Natalia Milkova (Finance)  
Jacquin, Sophie (Statistics & OR, leaving)  
Jell-Ojobor, Maria (Business)  
Johnson, Kory (Statistics & OR, joining)  
Kartal, Melis (Economics, leaving)  
Keck, Steffen (Business)  
Kiechle, Günter (Business, joining)  
Kolm, Julian (Finance, joining)  
Lancia, Francesco (Economics)  
Leitner, Markus (Statistics & OR)  
Mauring, Eeva (Economics, joining)  
Micevski, Milena (Business)  
Michalski-Karl, Regina (Business, leaving)  
Milovic, Ivana (Statistics & OR, joining)  
Morchio, Iacopo (Economics)  
Mühlböck, Monika (Economic Sociology)  
Parragh, Sophie (Business, leaving)  
Pfister, Patrick (Business Law)  
Pichler, Paul (Economics)  
Pötz, Katharina Anna (Business)  
Preinerstorfer, David (Statistics & OR, leaving)  
Powell, Owen (Experimental Economics)  
Prunbauer, Lucas (Business Law, leaving)  
Rachinger, Heiko (Economics)  
Riefler, Petra (Business, leaving)  
Ristig, Alexander (Statistics & OR)  
Romauch, Martin (Business, leaving)  
Ruthmair, Mario (Statistics & OR)  
Schilde, Michael (Business)  
Seidl, Andrea (Business, joining)  
Sherman, Joshua (Economics, leaving)  
Shestakova, Natalia (Economics)  
Sichtmann, Christina (Business, joining)  
Sinnl, Markus (Statistics & OR)  
Sonntag, Axel (Experimental Economics)  
Sopp, Karina (Business)  
Stangl, Christian (Business Law, joining)  
Steiber, Nadia (Economic Sociology)  
Steinberger, Lukas (Statistics & OR)  
Teteryatnikova, Mariya (Economics, leaving)  
Tolvanen, Juha (Economics, joining)  
Torija Jimenez, Pablo Enrique (Experimental Economics, leaving)  
Tremewan, James (Economics)  
Tricoire, Fabien (Business)  
Tsur, Matan (Economics)  
Unger, Stephan (Finance, leaving)  
Vogtenhuber, Stefan (Economic Sociology, joining)  
Walsh, Christopher (Statistics & OR)  
Wick, Katharina (Economics)  
Widhalm, Christian (Business Law)  
Wolfsteiner, Elisabeth (Business, joining)  
Zhang, Yingchao (Business)  
Zhuk, Sergey (Finance)

## Administration - Supporting Research and Teaching

### Dean's Office

The Dean's Office supports the Faculty Board in all administrative and organisational tasks and is responsible for the management of daily business activities. Those involve human resources and budget matters, coordination of teaching and research issues of the Faculty as well as the development and implementation of communication strategies. The Dean's Office serves as a broker, mediator and platform for exchange between the Faculty Board, the various departments and external organisations.

#### **Kinast, Kurt**

*Faculty Manager, Office Director*

#### **Danek, Andrea**

*Deputy Office Director, Budget and Personnel, Commissions, Recruitment*

#### **Hazler, Magdalena Lucy**

*Media Portal, Media Service, Language Service, Class of Excellence*

#### **Kindl, Karin**

*Lectureships, Visiting Professors, Teaching Assistants, External Lecturers*

#### **Moosbeckhofer, Anna**

*Media Portal, Media Service, Media Conception, Website*

#### **Reiter, Barbara**

*Research Documentation, Research Funding, Research Projects (since December 2016)*

#### **Satzer, Caroline**

*Graphic Design, Events, Media Conception, Website*

#### **Weisswasser, Katherina**

*Research Documentation, Research Funding, Research Projects (until November 2016)*

### Faculty IT-Support

The Faculty IT-Support coordinates services in the area of communication and information technology at the Faculty of Business, Economics and Statistics.

#### **Öller, Andreas**

*IT-Support Head*

#### **Altawil, Bashir**

*IT-Support Team*

#### **Guttmann, Franz**

*IT-Support Team*

#### **Kadoun, Peter**

*IT-Support Team*

#### **Knappe, Isabella**

*IT-Support Team*

#### **Pendl, Elke**

*Office Management*

### Studies Service Center (and International Support)

The Studies Service Center (SSC) supports students with organisational matters of their studies, like exam administration, recognitions and graduation. In addition, the SSC also assists the directorate of studies with administrative issues like course planning, budget controlling, specification of the study law such as recognition, new curricula, transitional provisions, suspensions, etc. The SSC is a communication hub between students, directorates of studies, faculty management and teaching staff.

The International Support team is in charge of mobility programmes, advising students on exchange stays and administration of university partnerships. This unit provides essential services to our Faculty as we define ourselves as open and internationally-oriented in studying, teaching and research. We are proud to provide our students and staff with excellent opportunities for gaining international experience.

#### **Kamleitner, Herbert**

*Studies Service Center, Head*

#### **Neugebauer, Petra**

*Studies Service Center, Deputy Head*

#### **Brodesser, Anna**

*Exam administration*

#### **Chipimo, Daniela**

*Exam administration and International Support Team*

#### **Dolmanitz, Kathrin**

*International Support Team*

#### **Grießler, Jutta**

*General*

#### **Monego-Hecht, Barbara**

*Exam administration*

#### **Neumeyer, Christine**

*PhD-Office (Administration)*

**Schmid, Polina**

*Exam administration*

## Scientific Advisory Board

The Scientific Advisory Board (SAB) consists of senior external academics who advise the Faculty on all matters of research, in particular research strategy and development. The board is appointed by the rectorate for a term of four years, renewable once. The SAB shall meet physically at least once every year.

**Baumgartner, Hans**

*Penn State University, Smeal College of Business*

**Härdle, Wolfgang**

*Humboldt-Universität zu Berlin,  
Wirtschaftswissenschaftliche Fakultät*

**Huck, Steffen**

*Wissenschaftszentrum Berlin für Sozialforschung*

**Nicodano, Giovanna**

*Università degli Studi di Torino, Collegio Carlo Alberto*

**Speranza, Grazia**

*University of Brescia, Department of Quantitative Methods*

## Up and Coming

Below, we showcase our most promising and successful junior (i.e. non-tenured) faculty in alphabetical order. The criterion for inclusion is that the person has been extraordinarily successful in publishing in top journals according to the Faculty Journal List.\*



Keck, Steffen

joined us in 2014 after his Post-Doc at Carnegie Mellon University (USA) and having received his PhD from INSEAD (France). His research interests lie in the area of group decision making. In particular, he studies how the direct interaction between members of small groups affects their emotions, judgements and attitudes towards uncertainty. *"The goal of my research is to identify under what circumstances interacting groups may outperform individual decision makers and simple aggregation rules, and to explain why groups in organisations frequently underperform."*

Selected publications:

- Group reactions to dishonesty. *Organizational Behavior and Human Decision Processes*, 124(1), 2014, 1-10.
- Group decisions under ambiguity: Convergence to neutrality (with Diecidue, E. and Budescu, D. V.). *Journal of Economic Behavior & Organization*, 103, 2014, 60-71.
- Does competition foster trust? The role of tournament incentives (with Karelaia, N.). *Experimental Economics*, 15(1), 2012, 204-228.
- Comparison as incentive: Newsvendor decisions in a social context (with Avci, B., Loutfi, Z., Mihm, J. and Belavina, E.). *Production and Operations Management*, 23(2), 2012, 303-313.



Leitner, Markus

joined us in 2013. He holds a PhD in computer science

from TU Vienna and obtained his habilitation in Operations Research from the University of Vienna in 2016. He worked as a postdoctoral researcher at TU Wien and Université libre de Bruxelles and was a visiting researcher at the Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT) in Montreal, Canada. His main research interests are in (algorithmic) operations research, combinatorial optimisation, mixed integer programming, and optimisation under uncertainty. *"Optimal decision making is crucial for the effective use of scarce resources. My goal is the development of exact solution methods applicable to large-scale instances of hard optimisation problems from different domains such as network optimisation, transportation or logistics. This requires the combination of theoretical research and algorithm engineering and a better understanding of the trade-off between theoretically appealing models and those that can be solved effectively in practice."*

Selected publications:

- Layered Graph Models and Exact Algorithms for the Generalized Hop-Constrained Minimum Spanning Tree Problem, *Computers & Operations Research*, 65:1-18, 2016
- The two-level diameter constrained spanning tree problem (with Gouveia, L. and Ljubic, I.). *Mathematical Programming*, 150(1), 49-78, 2015.



Pichler, Paul

joined us in 2014 from the Oesterreichische Nationalbank where he still holds a part time position as a research economist. He received his PhD from the University of Vienna in 2007. Paul's research interests are mainly at the intersection of macroeconomics and economic policy. For example, he investigates the sustainability of fiscal policy and government debt in dynamic models of optimal policy-making. *"My goal is to apply rigorous economic tools to the most policy-relevant questions today. In doing so, I try to provide a theoretical framework to scientifically evaluate different policy options."*

Selected Publications:

- Central Bank Independence and the Monetary Instrument Problem (with Niemann, S. & Sorger, G.).

\* The person must have published papers "worth" at least 2.5 points (according to our faculty journal list, see appendix 1), where Category 1 publications count double. For example, a Category 1 paper with one co-author (= 2\*1/2) or a single-authored Category 2 paper (= 1/1) or three Category 2 papers with two co-authors each (= 3\*1/3) all count one point (forthcoming papers also count).

International Economic Review, 54(8), 1031-55, 2013.

- Optimal Fiscal and Monetary Policies in the Face of Rare Disasters (with Niemann, S.). European Economic Review, 55(1), 75-92, 2011.



Sinn, Markus

joined us in 2011 within the "Initiativkolleg Computational Optimization" and completed his PhD in Statistics and Operations Research in 2015. Prior to his PhD, he received an MSc in Computational Intelligence from the Technical University in Vienna. Markus' research focusses on computational optimisation, mixed-integer programming, bilevel optimisation and network design problems. *"Many real-world problems faced by decision makers involve large-scale data or a multilevel problem structure. My goal is to find provably optimal solutions for such hard problems by developing advanced solution algorithms based on mixed-integer programming techniques. My research helps decision makers to make better informed decisions."*

#### Selected Publications:

- Redesigning Benders Decomposition for Large Scale Facility Location (with Fischetti, M. & Ljubic, I.). Management Science, forthcoming.
- Intersection Cuts for Bilevel Optimization (with Fischetti, M.; Ljubic, I. & Monaci, M.). Proceedings of IPCO 2016, LNCS, Volume 9682, 77-88
- Thinning out Steiner trees: A node based model for uniform edge costs (with Fischetti, M.; Leitner M., Ljubic, I.; Luipersbeck, M.; Monaci, M.; Resch, M.; Salvagnin, D). Mathematical Programming Computation, forthcoming.



Steiber, Nadia

joined us in 2013. She is also a part-time research scholar at the Wittgenstein Centre for Demography and Global Human Capital. Nadia received her doctorate (DPhil) from the University of Oxford in 2007 and carried out post-doctoral work at the European University Institute (EUI) in Florence. Her research interests focus on the role of social institutions in shaping individuals' economic

behaviours and outcomes, their preferences, well-being and attitudes. Her research approach is strongly interdisciplinary and internationally comparative. *"Considering employment as key to social and economic inclusion, and unequal employment opportunities as a major driver of social inequality, it is of great importance to study vulnerabilities to labour market exclusion in different population groups, its causes and consequences (e.g., low skilled youth, migrants, women with small children, and older population groups). My work in these areas is based on a life course perspective."*

#### Selected Publications:

- You Can't Always Get What You Want: Actual and Preferred Ages of Retirement in Europe (with Kohli, M.). Ageing and Society, 37(2), 352-385, 2017.
- Contextualizing the Education Effect on Women's Employment: A Cross-National Comparative Analysis (with Berghammer, C. & Haas, B.). Journal of Marriage and Family, 78(1), 246-261, 2016.



Tricoire, Fabien

re-joined us in 2012 after an experience in applied research for industrial partners at National ICT Australia (now Data61) in Sydney. He holds a PhD in applied informatics from the University of Nantes, France. His research interests currently lie in the development of new models for logistics optimisation, especially for transport optimisation and sustainable vehicle routing, as well as innovative methods to solve these models. *"Companies have been optimising their monetary costs and profits for decades, sometimes disregarding other important aspects such as the impact of policies on the environment and on society. My aim is to integrate such aspects into the best practices of optimisation, to characterise the trade-off between monetary, environmental and social costs, and to provide optimisation methods that look at the bigger picture."*

#### Selected publications:

- Investing in logistics facilities today to reduce routing emissions tomorrow (with Parragh S.N.), Transportation Research Part B: Methodological, forthcoming.
- A bi-objective homecare scheduling problem: Analyzing the trade-off between costs and client inconvenience. (with Braekers, K.; Hartl, R. F. and Parragh, S. N.), European Journal of Operational Research 248(2), 428-443, 2016.

# Honorary Professors

**Em. Prof. Dkfm. Dr. Dr. h.c. Jörg Baetge**  
*Business Administration*

**Hon.-Prof. PD Dr. Matthias Benz**  
*Economics*

**Prof. Dr. Martin S. Feldstein**  
*Economics*

**Prof. Dr. Wolfgang Fritz**  
*Business Administration*

**Prof. Dr. David Good**  
*Economics*

**Prof. Dr. Andreas Grünbichler**  
*Business Administration*

**Prof. Dr. Dr. h.c. mult. Martin Hellwig**  
*Economics*

**Prof. Dr. John D. Hey**  
*Economics*

**Em. Prof. Dr. Bert G. Hickman**  
*Economics*

**Prof. Dipl.-Kfm. Dr. Lutz Hildebrandt**  
*Business Administration*

**DDr. Martin A. Koschat**  
*Business Administration*

**Prof. Dr. Dr. h.c. Lutz Kruschwitz**  
*Finance*

**Em. Prof. Dr. Dr. Helmut Laux**  
*Business Administration*

**Em. Hon.-Prof. Dipl.-Ing. Dr. Hansheinz Lutz**  
*Statistics and Operations Research*

**Prof. Dr. Stefan J. Reichelstein**  
*Business Administration*

**Prof. Dr. Dr. h.c. mult. August-Wilhelm Scheer**  
*Business Administration*

**Prof. Dr. Martin Shubik**  
*Economics*

**Prof. Dr. Dr. h.c. Hans-Werner Sinn**  
*Economics*

**Prof. Dr. Dr. h.c. Franz Wilhelm Wagner**  
*Business Administration*

**Hon.-Prof. Dr. Irene Welser**  
*Business Law*

[In Memoriam:](#)

**Min.Rat Hon.-Prof. Dr. Dorothea Gaudart**  
*Sociology*



from left to right:  
 Oliver Fabel (Dean 2012-2016), Paul Mizen (OeNB Visiting Professor),  
 Jean-Robert Tyran (Dean 2016-2018)

## OeNB Visiting Professorship

The "OeNB Anniversary Visiting Professorships" had been established on the occasion of the 200th anniversary of the foundation of the OeNB and the 650th anniversary of the foundation of the University of Vienna. In 2016, the Faculty of Business, Economics and Statistics was proud to welcome Professor Paul Mizen from the University of Nottingham as the first OeNB visiting professor.

### Paul Mizen

Professor Mizen is a leading expert in monetary policy and his research interests span monetary economics, corporate finance and central banking. Professor Mizen has taught at numerous institutions, including the European University Institute in Florence and Princeton University. He has been a visiting scholar to the U.S. Federal Reserve, the European Central Bank, and the International Monetary Fund, among other institutions. Professor Mizen was visiting Vienna during May 2016 to discuss with staff at the OeNB, to give public lectures, and to teach a PhD course at our Faculty.

Public Lecture:  
 "What Lessons Can We Learn from the Global Financial Crisis?"  
 May 11, 2016

Money Talks:  
 "Does Monetary Policy Work Anymore?"  
 June 1, 2016



# Visiting Researchers & Guests

We are proud to attract some of the world's leading scientists to visit our Faculty. In 2016, we had 7 guest professors, 31 long-term guests and 74 short-term visitors. The visiting professors had some sort of employment contract with us, the long-term guests stayed at least 5 working days with us and the short-term visitors were often here for a day or two to exchange ideas or present a paper in a research seminar.

## Guest Professors

[Alpert, Frank](#) (University of Queensland)  
[Beck, Amir](#) (Technion - Israel Institute of Technology)  
[Brown, Richard](#) (University of Queensland)  
[Gondzio, Jacek](#) (University of Edinburgh)  
[Hopp, Christian](#) (RWTH Aachen University)  
[Mizen, Paul](#) (University of Nottingham)  
[Takahashi, Yuya](#) (Johns Hopkins University Baltimore)

## Long-Term Guests

[Albanesi, Stefania](#) (University of Pittsburgh)  
[Alpert, Frank](#) (University of Queensland)  
[Anstreicher, Kurt](#) (Iowa State University)  
[Archer, Kevin](#) (University of Denver)  
[Baber, Will](#) (Kyoto University)  
[Bachoc, Francois](#) (Université Toulouse III Paul Sabatier)  
[Beck, Amir](#) (Technion - Israel Institute of Technology)  
[Chang, Yoosoon](#) (Indiana University Bloomington)  
[Dietrich, Diemo](#) (Newcastle University)  
[Dursun, Özlem](#) (Aarhus University)  
[Fohlin, Caroline](#) (Emory University, Johns Hopkins University)  
[Gondzio, Jacek](#) (University of Edinburgh)  
[Gouveia, Luís](#) (University of Lisbon, Universidade Técnica de Lisboa)  
[Hall, Anthony D.](#) (University of Technology Sydney)  
[Hauswald, Robert](#) (American University)  
[Hopp, Christian](#) (RWTH Aachen University)  
[Ko, Jong-Hwan](#) (Pukyong University)  
[Kort, Peter](#) (Tilburg University)

[Lanzilli, Giulia](#) (University of Sannio)  
[Levinsky, Rene](#) (Charles University Prague)  
[Mandler, Timo](#) (Universität Hamburg)  
[Masini, Filippo](#) (Università degli Studi di Bologna)  
[Nazari, Mohsen](#) (University of Tehran)  
[Soheyli, Habib](#) (University of Tehran)  
[Thibaut, Vidal](#) (Pontifícia Universidade Católica do Rio de Janeiro)  
[Traub, Stefan](#) (Helmut Schmidt Universität / Universität der Bundeswehr Hamburg)  
[Van Woensel, Tom](#) (Eindhoven University of Technology)  
[Wallace, Stein](#) (Norwegian School of Economics)  
[Whited, Toni](#) (University of Michigan)  
[Winton, Andrew](#) (University of Minnesota)  
[Wisittipanich, Warisa](#) (Chiang Mai University)

## Short-Term Guests

[Alpert, Frank](#) (University of Queensland)  
[Attila, Kovacs](#) (University of Southampton)  
[Bagues, Manuel](#) (Aalto University)  
[Bassi Sutter, Mariana](#) (University of York)  
[Bauer, Michael](#) (CERGE-EI)  
[Beran, Rudy](#) (University of California, Davis)  
[Bertl, Johanna](#) (Aarhus University)  
[Borgonovo, Emanuele](#) (Università Commerciale Luigi Bocconi)  
[Born, Benjamin](#) (Rheinische Friedrich-Wilhelms-Universität Bonn)  
[Chordia, Tarun](#) (Emory University)  
[Dannenberg, Astrid](#) (Universität Kassel)  
[Dette, Holger](#) (Ruhr-Universität Bochum)  
[Dietrich, Diemo](#) (Newcastle University)  
[Duell, Dominik](#) (University of Essex)  
[Duffy, James](#) (University of Oxford)  
[Duffy, John](#) (University of California, Irvine)  
[Dursun, Özlem](#) (Aarhus University)  
[Fehr, Ernst](#) (Universität Zürich)  
[Feillet, Dominique](#) (Ecole Nationale Supérieure des Mines de Saint-Etienne)  
[Fernández, Elena](#) (Universitat Politècnica de Catalunya)  
[Fischetti, Matteo](#) (Università degli Studi di Padova)  
[Fortz, Bernard](#) (Université Libre de Bruxelles)  
[Friedman, Daniel](#) (University of California, Santa Cruz)  
[Gondzio, Jacek](#) (University of Edinburgh)

[Gonzales, Eiras](#) Martin (University of Copenhagen)  
[Gouveia, Luís](#) (University of Lisbon)  
[Grimm, Veronika](#) (Friedrich-Alexander-Universität Erlangen-Nürnberg)  
[Haselmann, Rainer](#) (Johann Wolfgang Goethe-Universität Frankfurt am Main)  
[Heinhold, Michael](#) (Universität Augsburg)  
[Hildebrandt, Lutz](#) (Humboldt-Universität zu Berlin)  
[Hungerländer, Philipp](#) (Alpen-Adria-Universität Klagenfurt)  
[Jaworski, Piotr](#) (University of Warsaw)  
[Jentsch, Carsten](#) (Universität Mannheim)  
[Johansen, Søren](#) (University of Copenhagen)  
[Kerschbamer, Rudolf](#) (Leopold-Franzens-Universität Innsbruck)  
[Kopa, Milos](#) (Charles University Prague)  
[Kuhn, Daniel](#) (École polytechnique fédérale de Lausanne)  
[Lanzilli, Giulia](#) (University of Sannio)  
[Laporte, Gilbert](#) (HEC Montréal)  
[Levinsky, Rene](#) (Max-Planck-Institut für Ökonomik, Charles University Prague)  
[Manzini, Paola](#) (University of St. Andrews)  
[Mertikopoulos, Panayotis](#) (CNRS, Laboratoire d'Informatique de Grenoble)  
[Monaci, Michele](#) (Università degli Studi di Padova)  
[Mujcic, Redzo](#) (Wirtschaftsuniversität Wien)  
[Mutterperl, Charles](#) (Out Front, Inc., USA)  
[Nazari, Mohsen](#) (University of Tehran)  
[Nenad, Mladenovic](#) (University of Valenciennes)  
[Neufeld, Ariel](#) (Eidgenössische Technische Hochschule Zürich)  
[Österling, Robert](#) (Stockholm University)  
[Pagano, Marco](#) (Università degli Studi Napoli)  
[Pagnoncelli, Bernardo](#) (Universidad Adolfo Ibáñez)  
[Piovesan, Marco](#) (University of Copenhagen)  
[Puerto, Justo](#) (Universidad de Sevilla)  
[Ramalingam, Abhijit](#) (University of East Anglia)  
[Santos, Andres](#) (University of California, San Diego)  
[Schliephake, Eva](#) (Rheinische Friedrich-Wilhelms-Universität Bonn)  
[Schram, Arthur](#) (University of Amsterdam)  
[Schudy, Simeon](#) (Ludwig-Maximilians-Universität München)  
[Schulz, Volker](#) (Universität Trier)  
[Schweitzer, Paul](#) (Alpen-Adria-Universität Klagenfurt)  
[Spann, Martin](#) (Ludwig-Maximilians-Universität München)  
[Teichmann, Josef](#) (Eidgenössische Technische Hochschule Zürich)  
[Teunter, Ruud](#) (University of Groningen)  
[Toussaert, Séverine](#) (New York University)  
[Trabandt, Mathias](#) (Freie Universität Berlin)  
[Vanberg, Christoph](#) (Ruprecht-Karls-Universität Heidelberg)  
[Villeval, Marie Claire](#) (GATE Lyon St-Etienne)  
[Vogt, Michael](#) (Rheinische Friedrich-Wilhelms-Universität Bonn)  
[Wagner, Alexander F.](#) (Universität Zürich)  
[Wallace, Stein](#) (Norwegian School of Economics)  
[Weißberger, Barbara](#) (Heinrich-Heine-Universität Düsseldorf)  
[Wisittipanich, Warisa](#) (Chiang Mai University)  
[Yang, Guanzhong](#) (Universität Duisburg-Essen)  
[Zimmermann, Florian](#) (Universität Zürich)

*Part 2*

# RESEARCH ACHIEVEMENTS

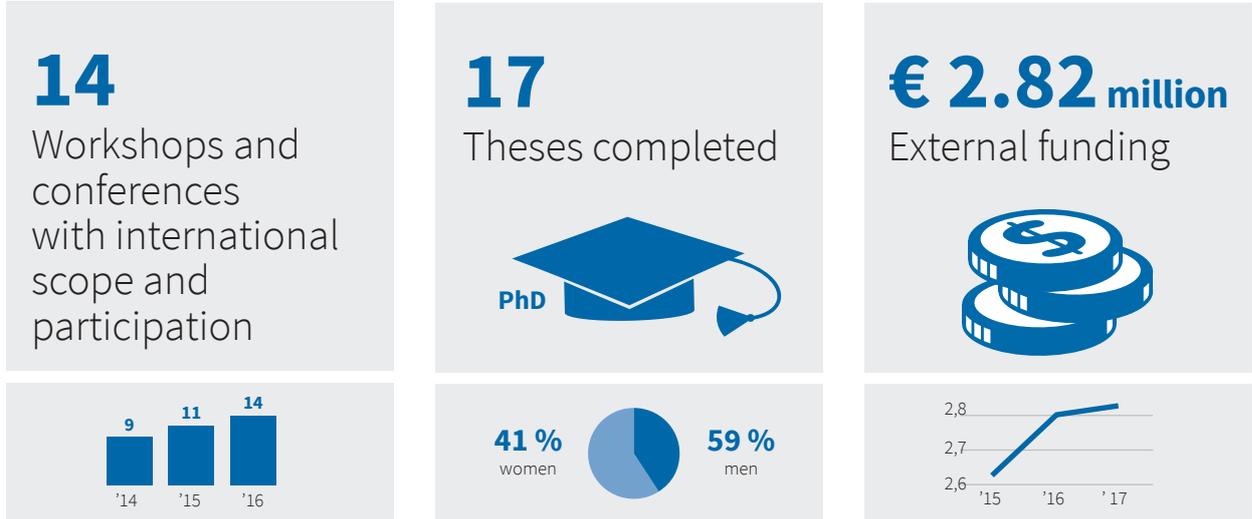


**BEING  
INQUISITIVE  
PAYS OFF**

[Research Key Figures](#)  
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[Publications](#)  
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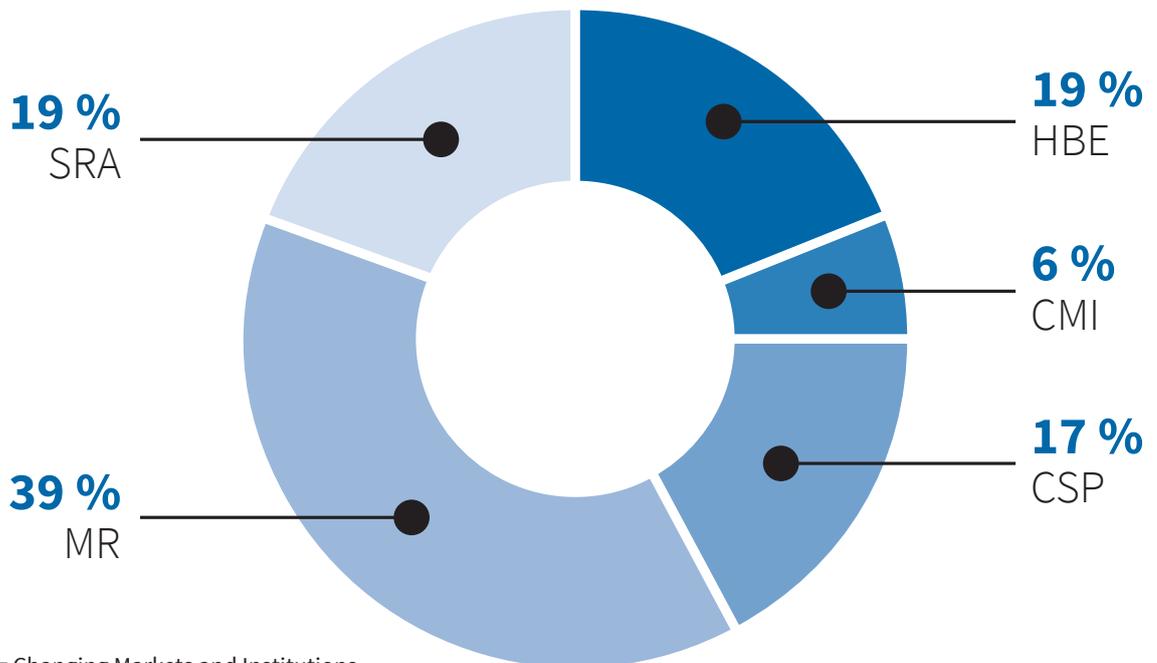


# Research Key Figures



# Externally Funded Individual Projects

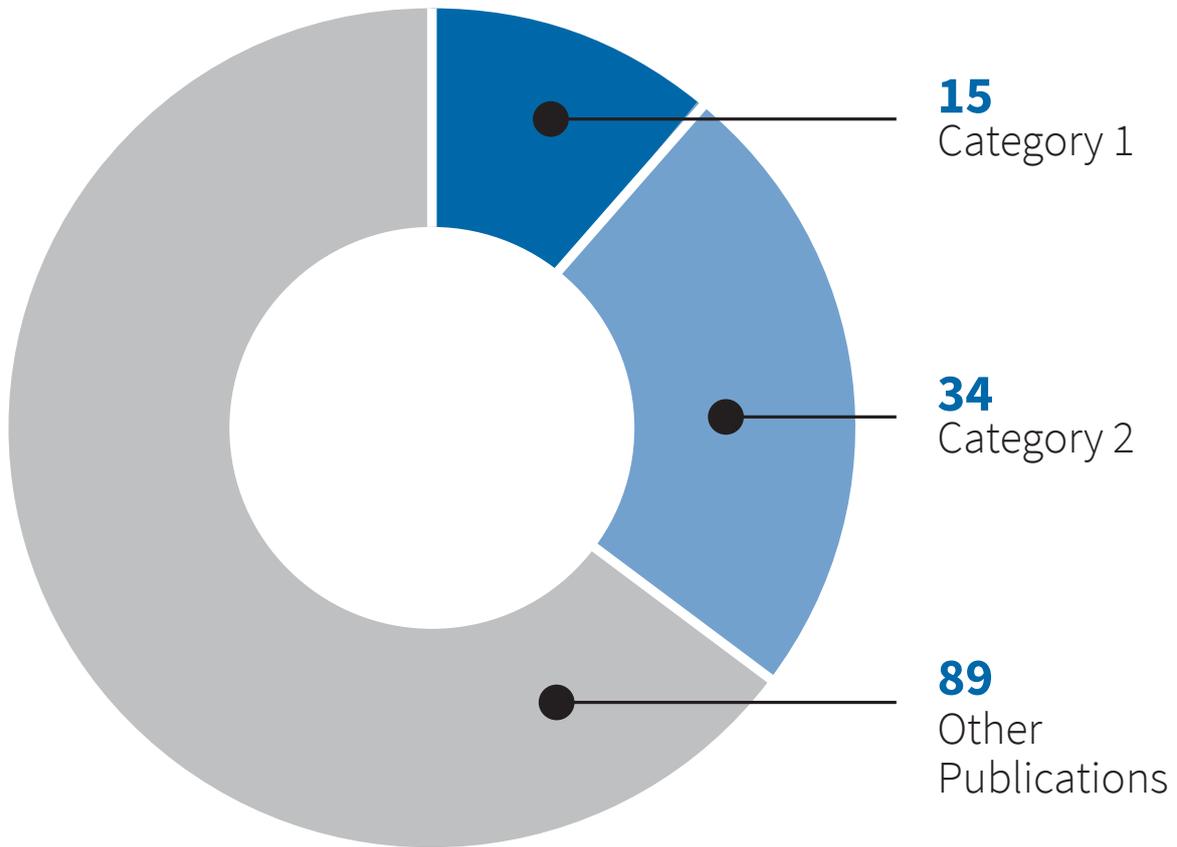
by Theme



CMI = Changing Markets and Institutions  
 CSP = Corporate Strategies and Processes  
 HBE = Human Behaviour and the Economy  
 MR = Management of Resources  
 SRA = Statistics and Risk Analysis

# 138

Publications in total



# 85

Invited talks

# 6

Awards

# 3

Habilitations

# 3

Graduate schools

# 7

Fellowships

# Our Research Themes

Research at our Faculty is diverse and covers a vast ground. Our research is subdivided into five broad themes which we briefly describe below.

## Changing Markets and Institutions

### (CMI)

What is the best way to organise economic activity? And, conversely, how are economic outcomes - in markets, in an industry, a country or even in the global economy - shaped by particular governance structures, institutions and policies?

For example, how does one design auctions or specific markets to match supply and demand effectively? How can we use the tax system to provide incentives to preserve our environment? How should labour market institutions in a country like Austria be adapted to cope with migration flows or demographic transformation? What is the best way to regulate the banking sector to limit systemic risks and prevent bubbles in financial markets? The fields concerned with these issues are mainly within economics (micro, macro, economic policy, political economy) but encompass also aspects of (corporate) finance and economic sociology.

## Corporate Strategies and Processes

### (CSP)

How should a company adapt its organisation to the digital age or react to disruptive innovation in financial services? What are the right incentives to motivate workers in a firm to co-operate amongst themselves and to serve the interests of customers and shareholders? Business management devises corporate structures and processes to effectively adapt to rapidly changing environmental conditions.

These responses concern different aspects of management: strategic management, technology and innovations management, accounting and control, personnel management and organisation, supply chain management and operations management. This theme is closely related to Changing Markets and Institutions, but here we address issues of governance and incentive structures from the perspective of a corporation.

## Human Behaviour and the Economy

### (HBE)

Modelling human behaviour as if it resulted from conscious optimisation by agents with well-defined

goals and motives is convenient and powerful. However, such modelling often turns out to be overly simplistic and too narrow to provide a good understanding of how consumers, workers, or management in fact behave. We use experimental methods to test when the standard model is adequate. And when we find it is not, we develop behavioural theory to account for human error, fear, greed, and judgemental bias. Such an approach benefits research from „behavioural finance“ to marketing, personnel, strategy, organisation, and economic sociology.

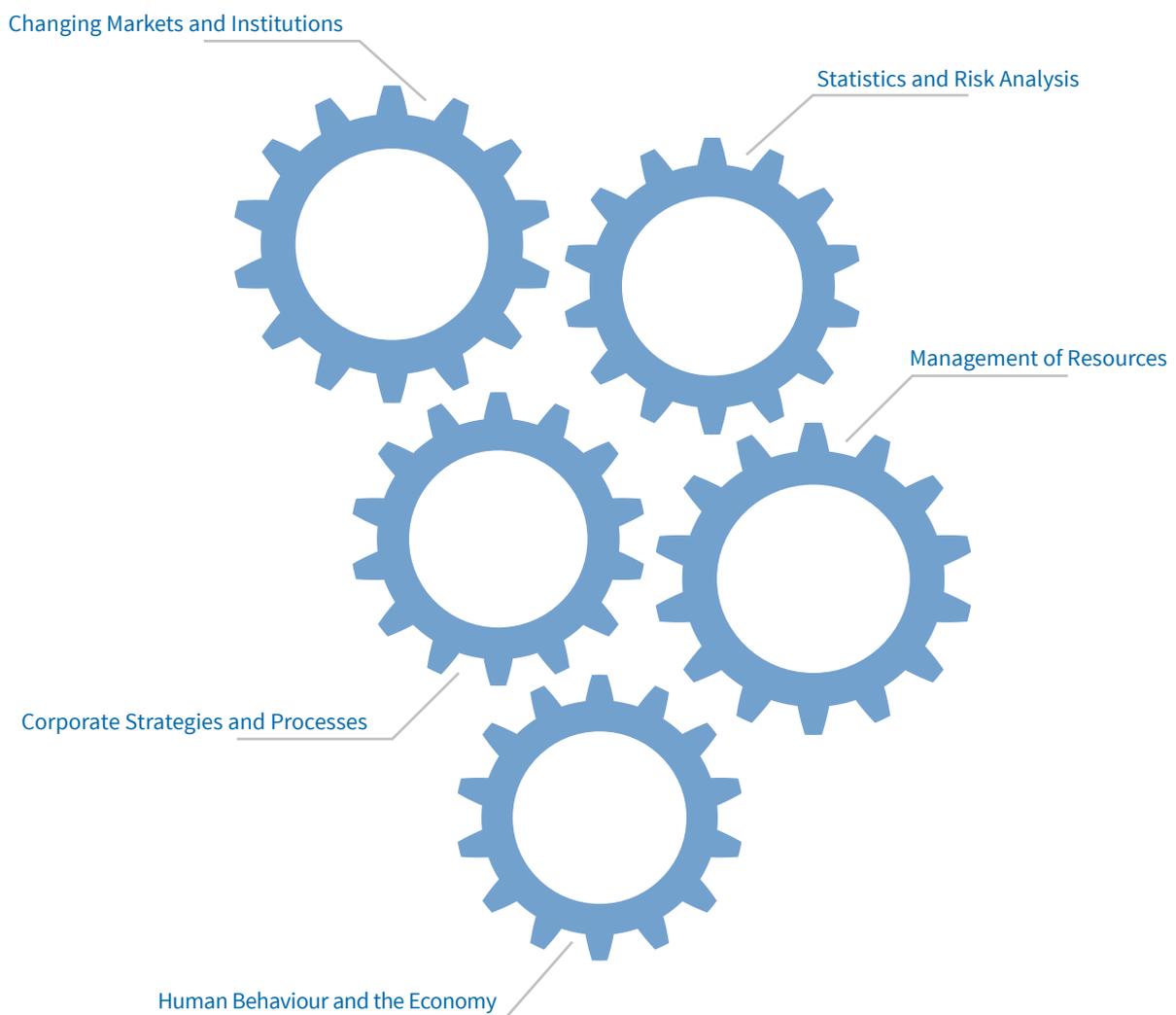
## Management of Resources (MR)

Resources are the basic input and thus essential drivers of economic activity. Smart use of natural, human, financial, and informational resources is key for wellbeing, growth and development in an economy, as well as for the success of a firm. But disaster may loom when such resources are not managed efficiently. For example, at what point will non-sustainable use of natural resources backfire and hamper the development of a poor country? How does inequality in access to education shape the potential growth of a country? What kind of financial innovation will spur startups and innovative businesses? Various disciplines from management and economics contribute to this theme.

## Statistics and Risk Analysis (SRA)

"Big Data" has become available in almost all domains of the economy and society. How can we develop statistical methods to extract useful information from this data? The application of scientifically based methods is more important than ever. Risk analysis and management use various processes and methods to control uncertainties and risks. This kind of analytical modeling is critical for financial institutions, corporate finance as well as for logistics and operations management.

Our Research Themes — figure 4



# Publications

This section reports on our research that has been published (in print) in the calendar year 2016. Most of our research is published in learned journals. In total, 139 articles were published in such journals. Journals are divided in three broad categories according to our Faculty Journal List (see page 104 for explanations).

Category 1 comprises the very top journals. Members of our Faculty have published a total of 15 articles in such journals. Category 2 journals are excellent in the sense that they are among the top 25 % of their fields or are named as very good in selected field-specific complementary lists. We count 34 publications in such journals. Other journal articles and other publications such as monographs and contributions to collected

volumes are listed below. We do not list working papers.

Publications are listed alphabetically by in-house author(s). Tenured faculty members are documented in dark blue and put in first position, whereas non-tenured faculty members are marked in grey. We report the underlying field(s) of research according to the themes defined below.

CMI = Changing Markets and Institutions  
 CSP = Corporate Strategies and Processes  
 HBE = Human Behaviour and the Economy  
 MR = Management of Resources  
 SRA = Statistics and Risk Analysis

## Category 1 Publications

Cunat, A. with Breinlich, H. (2016). Tariffs, trade and productivity: A quantitative evaluation of heterogeneous firm models. <i>The Economic Journal</i> , 126 (595), 1660 - 1702.	CMI
Gehrig, T. with Füss, R. & Rindler, P. (2016) "Changing Risk Perception and the Time-Varying Price of Risk", <i>Review of Finance</i> , 1549-1585.	CMI, SRA
Lancia, F. with Alessia, R. (2016). Public Education and Pensions in Democracy: A Political Economic Theory. <i>Journal of the European Economic Association</i> , 14(5), 1038-1073.	CMI
Pfeiffer, T. with Johnson, E. & Johnson, N. B. (2016). Dual transfer pricing with internal and external trade. <i>Review of Accounting Studies</i> , 21(1), 140-164.	CMI
Pflug, G. with Maggioni, F. (2016). Bounds and approximations for multistage stochastic programs. <i>SIAM Journal on Optimization</i> , 26(1), 831-855.	SRA
Pflug, G. with Pichler, A. (2016). From empirical observations to tree models for Stochastic Optimization: Convergence properties. <i>SIAM Journal on Optimization</i> , 26(3), 1715-1740.	SRA
Pflug, G. with Pichler, A. (2016). Time Consistent Decisions and Temporal Decomposition of Coherent Risk Functionals. <i>Mathematics of Operations Research</i> , 41(2), 682-699.	SRA
Pötscher, B. & Preinerstorfer, D. (2016). On Size and Power of Heteroskedasticity and Autocorrelation Robust Tests. <i>Econometric Theory</i> , 32 (2), 261-358.	SRA
Ruthmair, M. with Kang, L., Zhu, X., Sun, H., Puchinger, J. & Hu, B. (2016). Modeling the First Train Timetabling Problem with Minimal Missed Trains and Synchronization Time Differences in Subway Networks. <i>Transportation Research Part B: Methodological</i> , 93(Part A), 17-36.	CSP, MR
Steiber, N. with Berghammer, C. & Haas, B. (2016). Contextualizing the Education Effect on Women's Employment: A Cross-National Comparative Analysis. <i>Journal of Marriage and Family</i> , 78(1), 246-261.	HBE
Tyran, J-R. with Andersson, O., Holm, H. & Wengström, E. (2016). Deciding for Others Reduces Loss Aversion. <i>Management Science</i> , 62(1), 29-36.	HBE
Tyran, J-R. with Andersson, O., Holm, H. & Wengström, E. (2016). Risk aversion relates to cognitive ability: Preferences or noise? <i>Journal of the European Economic Association</i> , 14(5), 1129-1154.	HBE
Tyran, J-R. with Cappelen, A. W., Nielsen, U. H., Tungodden, B. & Wengström, E. (2016). Fairness is intuitive. <i>Experimental Economics</i> , 19(4), 727-740.	HBE
Tyran, J-R. with Huck, S. & Lünser, G. (2016). Price competition and reputation in markets for experience goods: An experimental study. <i>RAND Journal of Economics</i> , 47(1), 99-117.	HBE
Tyran, J-R. with Suetens, S. & Galbo-Jorgensen, C. B. (2016). Predicting Lotto Numbers: A Natural Experiment on the Gambler's Fallacy and the Hot-Hand Fallacy. <i>Journal of the European Economic Association</i> , 14(3), 584-607.	HBE

## Category 2 Publications

Ania Martinez, A. B. with Wagener, A. (2016). Decentralized Redistribution in a laboratory federation. <i>Journal of Urban Economics</i> , 93, 49 - 59.	CMI
Bauer, T. & Kouroukous, T. (2016). Capital Charge Rates, Investment Incentives and Taxation. <i>European Accounting Review</i> , 1-22.	MR
Braune, R. with Zäpfel, G. (2016). Shifting bottleneck scheduling for total weighted tardiness minimization - A computational evaluation of subproblem and re-optimization heuristics. <i>Computers &amp; Operations Research</i> , 66, 130-140.	MR
Gutjahr, W. with Dzubur, N. (2016). Bi-objective bilevel optimization of distribution center locations considering user equilibria. <i>Transportation Research Part E: Logistics and Transportation Review</i> , 85, 1-22.	MR
Gutjahr, W. with Nolz, P. C. (2016). Multicriteria optimization in humanitarian aid. <i>European Journal of Operational Research</i> , 252, 351-366.	MR
Hartl, R. & Gansterer, M. (2016). Request evaluation strategies for carriers in auction-based collaborations. <i>OR Spectrum: quantitative approaches in management</i> , 38(1), 3-23.	MR
Hartl, R. with Schnell, A. (2016). On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations. <i>OR Spectrum: quantitative approaches in management</i> , 38(2), 283-303.	MR
Hartl, R. with Breunig, U., Schmid, V. & Vidal, T. (2016). A large neighbourhood based heuristic for two-echelon routing problems. <i>Computers &amp; Operations Research</i> , 76, 208-225.	MR
Hartl, R. with El Ouardighi, F., Feichtinger, G., Grass, D. & Kort, P. (2016). Autonomous and advertising-dependent 'word of mouth' under costly dynamic pricing. <i>European Journal of Operational Research</i> , 251(3), 860-872.	MR
Hartl, R. with Hiermann, G., Puchinger, J. & Ropke, S. (2016). The Electric Fleet Size and Mix Vehicle Routing Problem with Time Windows and Recharging Stations. <i>European Journal of Operational Research</i> , 252(3), 995-1018.	MR
Hartl, R., Parragh, S. & Tricoire, F. with Braekers, K. (2016). A bi-objective home care scheduling problem: Analyzing the trade-off between costs and client inconvenience. <i>European Journal of Operational Research</i> , 248(2), 428-443.	MR
Hautsch, N. with Bodnar, T. (2016). Dynamic conditional correlation multiplicative error processes. <i>Journal of Empirical Finance</i> , 36, 41-67.	SRA
Janssen, M. & Teteryatnikova, M. (2016). Horizontal product differentiation: Disclosure and competition. <i>Journal of Industrial Economics</i> , 64(4), 589 - 620.	CMI
Janssen, M. with Karamychev, V. (2016). Spiteful bidding and gaming in combinatorial clock auctions. <i>Games and Economic Behavior</i> , 100, 186 - 207.	CMI
Kittel, B. with Rogge, J. (2016). Who Shall Not Be Treated: Public Attitudes on Setting Health Care Priorities by Person-Based Criteria in 28 Nations. <i>PLoS ONE</i> , 11(6).	HBE
Kittel, B. with Shikano, S. (2016). Dynamics of Voting Propensity: Experimental Tests of Adaptive Learning Models. <i>Political Research Quarterly</i> , 69(4), 813-829.	HBE
Klein, I. with Cordero, F. & Perez-Ostafe, L. (2016). Asymptotic proportion of arbitrage points in fractional binary markets. <i>Stochastic Processes and their Applications</i> , 126(2), 315-336.	CMI,SRA
Klein, I. with Cuchiero, C. & Teichmann, J. (2016). A new perspective on the fundamental theorem of asset pricing for large financial markets. <i>Theory of Probability and Its Applications</i> , 60(4), 561-579.	CMI,SRA
Leitner, M. (2016). Integer programming models and branch-and-cut approaches to generalized $\{0, 1, 2\}$ -survivable network design problems. <i>Computational Optimization and Applications: an international journal</i> , 65(1), 73-92.	MR
Leitner, M. (2016). Layered Graph Models and Exact Algorithms for the Generalized Hop-Constrained Minimum Spanning Tree Problem. <i>Computers &amp; Operations Research</i> , 65, 1-18.	MR
Leitner, M., Ljubic, I. & Sinnl, M. with Werner, A. (2016). ILP heuristics and a new exact method for bi-objective 0/1 ILPs: Application to FTtx-network design. <i>Computers &amp; Operations Research</i> , 72, 128-146.	MR
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## Conference Proceedings

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dibility for the Impact of Customer Reviews. In Proceedings of the Advances for Consumer Research Conference. (Band 44)

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Wolfsteiner, E. with Hutzinger, C. & Weitzl, W. (2016). We're Sorry! Effects of Online Complaint Handling on Observers' Attitudes. In Proceedings of the 2016 Global Marketing Conference. Hong Kong.

## Others

Wagner, U. with Reisinger, H. & Schwand, C. (Hrsg.) (2016). Fallstudien aus der österreichischen Marketingpraxis 7. (1. Aufl.) Wien: Facultas Verlags- und Buchhandels AG.

Weilinger, A. (Hrsg.) (2016). Verbraucherzahlungskontogesetz - VZKG. Wien: Manzsche Verlags- und Universitätsbuchhandlung GmbH.

## Theses Completed

Our PhD education offers training and supervision that allows students to acquire knowledge and skills necessary for a research-oriented career in the core fields of our Faculty. After successful completion of the PhD programme, students should be able to carry out independent research. We congratulate the 14 PhD students who completed their thesis in 2016. Moreover, we proudly announce that three scholars have received the Venia Docendi: Markus Leitner in Operations Research

and Sophie Parragh and Riefler Petra in Business Administration.

The Venia is awarded for outstanding scientific qualifications and testifies to the scholar's ability to hold lectures, teach and supervise students at all levels. The successful candidates have submitted a thesis that has been deemed methodologically sound, provides new scientific insights and demonstrates excellence in mastering the subject.

## PhD

Name, First Name	Title	Supervisor
Bartsch, Jan Fabian	Positive Consumer Dispositions Toward Foreign Countries and Globality	Diamantopoulos, Adamantios
Bauer, Thomas	Managerial Accounting, Coordination and Taxation	Pfeiffer, Thomas
Haas, Marlene	Price Discovery and Multimarket Trading	Gehrig, Thomas
Hamböck, Christian	Business Creation - who, with whom, and how?	Fabel, Oliver
Klapper, Helge	Three Essays on Organizational Decision Making	Reitzig, Markus
Mariel, Katharina	Global sourcing and production strategies in automotive supply chains	Minner, Stefan
Milovic, Ivana	Conditional means of low-dimensional projections from high-dimensional data. Explicit error bounds	Leeb, Hannes
Pützl, Florian Stephan Markus	Technology and Market Structure in the Commercial Aircraft Industry	Wirl, Franz
Rathmanner, Nadja	Ist die Einführung eines österreichischen Real Estate Investment Trusts für den inländischen Kapitalmarkt sinnvoll? Die mögliche Positionierung von Real Estate Investment Trusts im Rahmen bereits bestehender Immobilienkapitalanlagen in Österreich.	Finsinger, Jörg
Seferagic, Haris	Framing in Negotiation	Vetschera, Rudolf
Turan, Belma	Inventory Routing Problem with Perishable Products	Hartl, Richard
Ullrich, Reinhard	Selecting equilibria from an ample choice: An interplay of game theory, optimization and dynamics.	Schachinger, Werner & Bomze, Immanuel
Weidenholzer, Elke	Essays In Behavioral Economics	Müller, Wieland
Wolfsteiner, Elisabeth	Empirical investigations of ambush marketing	Wagner, Udo

## Habilitations

Name, First Name	Title	Field
Leitner, Markus	Network Optimization: Algorithmic Approaches and Polyhedral Investigations.	Operations Research
Parragh, Sophie	Field Staff Routing and Scheduling.	Business Administration
Riefler, Petra	The Role of Brand Globalness in Re-Localizing Consumer Markets.	Business Administration

# Editorial Work

Numerous members of our Faculty are engaged in editorial and publishing activities. In particular, many of our Faculty members serve as editors, associate editors, or member of editorial boards of established journals.

The list below shows who serves in which role for which journal. We do not list refereeing activities, as members of our Faculty have in total most likely written several hundreds of these, and many of us served as referees for prestigious journals.

## Category 1 Journals

### Editor-in-Chief, Co-Editor

- Econometric Theory: Pötscher, Benedikt (since 1995)

### Associate Editor

- Journal of Business and Economic Statistics: Hautsch, Nikolaus (since 2015)
- Journal of the European Economic Association: Schmidt-Dengler, Philipp (since 2013)
- Operations Research: Pflug, Georg (since 2012)
- Transportation Science: Hartl, Richard (since 2012)

### Editorial Board

- Experimental Economics: Müller, Wieland (since 2014); Tyran, Jean-Robert (since 2009)
- Organization Science: Reitzig, Markus (since 2014)
- Production and Operations Management: Gutjahr, Walter (since 2015)
- Review of Economic Studies: Schmidt-Dengler, Philipp (since 2012)
- Strategic Management Journal: Reitzig, Markus (since 2013)

## Category 2 Journals

### Editor-in-Chief, Co-Editor

- European Journal of Operational Research: Bomze, Immanuel (since 2016)
- International Journal of Industrial Organization: Schmidt-Dengler, Philipp (since 2014)

- OR Spectrum: quantitative approaches in management: Gutjahr, Walter (since 2014)

### Associate Editor

- International Journal of Forecasting: Hautsch, Nikolaus (since 2015)
- Journal of Applied Econometrics: Schmidt-Dengler, Philipp (since 2014); Hautsch, Nikolaus (since 2015)
- Journal of Economic Dynamics and Control: Sorger, Gerhard (since 2001)
- Journal of Financial Econometrics: Hautsch, Nikolaus (since 2012)
- Journal of Money, Credit and Banking: Loranth, Gyöngyi (since 2016)
- Journal of Statistical Planning and Inference: Pötscher, Benedikt (since 2012)
- Management Accounting Research: Pfeiffer, Thomas (since 2016)

### Editorial Board

- Computers & Operations Research: Vetschera, Rudolf (since 2002); Dörner, Karl (since 2005)
- Computational Optimization and Applications: an international journal: Pflug, Georg (since 2000)
- Decision Support Systems: Vetschera, Rudolf (since 2014)
- Energy Journal: Wirl, Franz (since 1993)
- Health Care Management Science: Rauner, Marion (since 2006)
- OR Spectrum: quantitative approaches in management: Rauner, Marion (since 2006)

## Other Journals

### Editor, Co-Editor

- Business Research: Gehrig, Thomas (since 2015)
- Central European Journal of Operations Research: Dörner, Karl (since 2011); Pflug, Georg (since 2000); Rauner, Marion (since 2007); Vetschera, Rudolf (since 2004)

- Empirical Economics: a quarterly journal of the Institute for Advanced Studies, Vienna: Kunst, Robert (since 2000)
- Marketing: ZFP - Journal of Research and Management: Wagner, Udo (since 2009)
- Statistics & Risk Modeling: Pflug, Georg (since 2014)
- The EMAC Chronicle: Wagner, Udo (since 2011)

#### Associate Editor

- Bulletin of Economic Research: Borrmann, Jörg (since 2006)
- Central European Journal of Operations Research: Bomze, Immanuel (since 2016); Gutjahr, Walter (since 2011); Hartl, Richard (since 2009)
- Computational Management Science: Pflug, Georg (since 2000)
- Dynamic Games and Applications: Sorger, Gerhard (since 2015)
- Empirical Economics: a quarterly journal of the Institute for Advanced Studies, Vienna: Hautsch, Nikolaus (2010-2016)
- Flexible Services and Manufacturing Journal: Dörner, Karl (since 2016), Rauner, Marion (since 2012)
- Group Decision and Negotiation: Vetschera, Rudolf (since 2015)
- International Game Theory Review: Sorger, Gerhard (since 1999)
- International Journal of Decision Support System Technology: Vetschera, Rudolf (since 2015)
- International Marketing Review: Sichtmann, Christina (since 2015)
- Journal of Business Economics: Fabel, Oliver (since 2008)
- Journal of Economics: Sorger, Gerhard (since 2005)
- Journal of Experimental Political Science: Kittel, Bernhard (since 2013)
- Macroeconomic Dynamics: Sorger, Gerhard (since 2015)
- Market Microstructure and Liquidity: Hautsch,

Nikolaus (since 2014)

- OR Perspectives: Hartl, Richard (since 2013)
- Sankhya: Indian Journal of Statistics: Leeb, Hannes (since 2015)
- Studies in Nonlinear Dynamics and Econometrics: Sorger, Gerhard (since 2003)
- Stochastic Programming E-Print Series: Pflug, Georg (since 2000)

#### Editorial Board

- Advances in Data Analysis and Classification: Bomze, Immanuel (since 2016)
- Akademija MM: Wagner, Udo (since 2009)
- Applied Economics Quarterly: Gehrig-Merz, Monika (since 2002)
- Austrian Journal of Statistics: Pflug, Georg (since 2000)
- Business Research: Diamantopoulos, Adamantios (since 2010); Dörner, Karl (since 2009); Hartl, Richard (since 2007); Wagner, Udo (since 2007)
- Econometrics: Hautsch, Nikolaus (since 2012)
- E-Journal Economics: Gehrig, Thomas (since 2013)
- EMAC Newsletter: Wagner, Udo (since 2011)
- Energy Systems: Pflug, Georg (since 2010)
- EURO Journal on Decision Processes: Gutjahr, Walter (since 2012); Vetschera, Rudolf (since 2012)
- EURO Journal on Transportation and Logistics: Hartl, Richard (since 2011)
- European Journal of Marketing: Diamantopoulos, Adamantios (since 2007)
- European Journal of Political Economy: Tyran, Jean-Robert (since 2005)
- Financial Mathematics and Applications: Pflug, Georg (since 2016)
- Health Systems: Rauner, Marion (since 2012)
- Industrial Marketing Management: Sichtmann, Christina (since 2015)

- Innovation and Entrepreneurship in Health: Rauner, Marion (since 2014)
- International Journal of Business and Systems Research: Rauner, Marion (since 2006)
- International Journal of Economics and Business Research: Borrmann, Jörg (since 2009)
- International Journal of Health Management and Information: Rauner, Marion (since 2008)
- International Journal of Operations Research and Information Systems: Rauner, Marion (since 2010)
- International Journal of Stochastic Analysis: Pflug, Georg (since 2016)
- International Marketing Management: Sichtmann, Christina (since 2015)
- International Marketing Review: Diamantopoulos, Adamantios (since 2007); Riefler, Petra (since 2015)
- International Transactions in Operational Research: Vetschera, Rudolf (since 2010)
- Journal of Behavioral and Experimental Economics: Tyran, Jean-Robert (since 2013)
- Journal of Business Market Management: Sichtmann, Christina (since 2015)
- Journal of Business Research: Diamantopoulos, Adamantios (since 2007); Wagner, Udo (since 2009)
- Journal of Contemporary Economic and Business Issues: Wagner, Udo (since 2014)
- Journal of Cross Cultural Marketing: Wagner, Udo (since 2014)
- Journal of Experimental Political Science: Tyran, Jean-Robert (since 2013)
- Journal of Global Optimization: Bomze, Immanuel (since 2016)
- Journal of Global Scholars of Marketing Science: Wagner, Udo (since 2007)
- Journal of Industry, Competition and Trade: from theory to policy: Schmidt-Dengler, Philipp (since 2015)
- Journal of International Business Studies: Diamantopoulos, Adamantios (since 2007); Riefler, Petra (since 2015)
- Journal of International Marketing: Diamantopoulos, Adamantios (since 2007)
- Journal of Marketing Management: Diamantopoulos, Adamantios (since 1998)
- Journal of Modelling in Management: Diamantopoulos, Adamantios (since 2007)
- Journal of Organization Design: Reitzig, Markus (since 2015)
- Journal of Strategic Marketing: Diamantopoulos, Adamantios (since 2007)
- Journal of the Economic Science Association: Müller, Wieland (since 2014); Tyran, Jean-Robert (since 2014)
- Journal on Vehicle Routing Algorithms: Dörner, Karl (since 2016)
- Labour History Review: Blaschke, Sabine (since 2008)
- Lecture Notes in Economics and Mathematical Systems: Pfeiffer, Thomas (since 2010)
- Management Review Quarterly: Wagner, Udo (since 2004)
- Ökonomie & Gesundheit: Rauner, Marion (since 2006)
- Operations Research for Health Care: Rauner, Marion (since 2015)
- Operations Research Perspectives: Bomze, Immanuel (since 2016)
- Optimization Letters: Bomze, Immanuel (since 2016)
- Review of Managerial Science: Pfeiffer, Thomas (since 2007); Wagner, Udo (since 2014)
- Socio-Economic Planning Sciences: Rauner, Marion (since 2001)
- Swarm Intelligence: Gutjahr, Walter (since 2007); Hartl, Richard (since 2007)
- Trziste: Wagner, Udo (since 2013)

# Externally Funded Research Projects

The external funding raised by our Faculty members totals about € 2.82 mio. in 2016, up from about € 2.81 mio. in 2015 and € 2.68 mio. in 2014. Our main sources of revenue are the Austrian Science Foundation (FWF), the Austrian National Bank (OeNB), and the European Union, see table 1. This funding enables us to investigate a broad range of issues. On the next page we list externally funded research projects that were ongoing in the calendar year 2016. This includes projects that have been started before 2016 as well as projects to be completed after 2016.

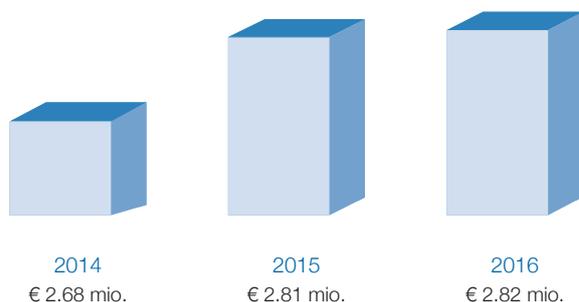
We sort the research projects below by the annual amount of funding attributed to our Faculty. In case of projects that are joint with other institutions or cooperation partners, we also state the amount of funding of the total project. Note that the list below reflects only a fraction of the entire research undertaken by our experts.

Sources of External Funding (in thousand €) — table 1

	Funds 2014	Funds 2015	Funds 2016
FWF	1,492,40	1,387,40	1,189,90
OeNB	224,80	278,90	267,00
EU	334,40	51,10	208,00
Organisations	-	75,30	204,30
FFG	137,40	152,90	157,70
Federal	9,30	146,40	128,50
WWTF	37,00	163,20	69,30
ÖAW	-	-	28,30
Other	446,70	558,20	564,40
<b>Total</b>	<b>2,682,00</b>	<b>2,813,40</b>	<b>2,817,40</b>

(Finance & Controlling 2016, University of Vienna)

External Funding, 2014 – 2016 — figure 5



(Finance & Controlling 2016, University of Vienna)

## Externally Funded Individual Projects

### Efficient Intermodal Transport Operations

Contact person: Dörner, Karl  
Research Theme: Management of Resources (MR)  
Funding Source: Christian Doppler Forschungsgesellschaft  
Funding: 1.155,208 €  
2014 – 2019

The project is embedded in a Christian Doppler Laboratory and has two modules. Module I addresses intermodal transportation problems. The term intermodal transportation refers to the transportation of passengers or freight from an origin to a destination by at least two transportation modes, such that the transfer from one mode to the next takes place in intermodal terminals. The primary aim of this module, is to develop new optimisation solution methods based on operations research techniques to support efficient resource planning and management in intermodal transportation systems. Module II addresses efficient resource management in public transportation. This module mainly focuses on tactical and operational problems of urban public transport systems, including headway optimisation and disruption management. The CD-laboratory for efficient intermodal transport operations will develop and apply optimisation techniques to logistical decision problems with a particular focus on the development of metaheuristic and matheuristics for decision problems in transport which take real-world characteristics and realistic constraints into consideration.

### Optimization and Analysis of Large-Scale Networks

Contact person: Leitner, Markus  
Research Themes: Corporate Strategies and Processes (CSP), Management of Resources (MR)  
Funding Source: WWTF (Wiener Wissenschafts-, Forschungs- und Technologiefonds)  
Funding: 450,000 €  
2015 – 2019

Networks are a ubiquitous tool to model the growing amount of data collected in science and business. In areas such as telecommunications, location theory, or social networks analysis (SNA), the size of the resulting networks and application data is ever increasing and analysis methods for large-scale data are crucial to deal with them in a meaningful way. Typically there are also inherent uncertainties associated with the input data and the implied optimisation problems often face multiple objectives. These three aspects (large-scale data, uncertainty and multiple objectives) limit the

applicability of available optimisation algorithms that are capable to deal with at most one (if any) of these aspects. Following our recent "thinning out" modelling approach, we aim to develop novel mathematical models and algorithmic solutions for solving highly relevant problems from operations management, telecommunications, and SNA at the large scale. We plan to exploit parallelization techniques, sparse mathematical models and general purpose heuristics, to reconsider decomposition approaches, and apply them in the context of high performance computing. The obtained results will enable the consideration of uncertain input data and / or multiple objectives at the large scale. To this end, various robust optimisation concepts and their applicability in multi-objective settings will be analysed. Results will be used to derive high-performance solution methods aiming to solve realistic, large-scale problem instances. These approaches will be based on mixed-integer (non-linear) optimisation, heuristics and parallelisation methods.

### Explicit and Implicit Country Stereotypes of Consumers

Contact Person: Diamantopoulos, Adamantios  
Research Theme: Human Behaviour and the Economy (HBE)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 355,688 €  
2014 – 2017

Extant country-of-origin (COO) research lacks strong theory, assumes only reflecting thinking on the part of consumers, and relies invariably on explicit (direct) measurement of country stereotypes. The proposed project integrates Fiske et al.'s (2002) stereotype content model (SCM) with Strack and Deutsch's (2004) reflective-impulsive model (RIM) into a unifying conceptual framework which is subsequently used to study the impact of both explicitly- and implicitly-assessed country stereotypes on consumer emotions and behaviour. Based on a series of complementary studies – both survey- and experimentally-based – it seeks to offer detailed insights into (a) the degree of and reasons for the convergence/divergence of explicitly- and implicitly-measured country stereotypes, (b) the relative influence of such stereotypes on deliberate vs. spontaneous purchase decisions, (c) the role of implicit country stereotypes in steering consumers' attention and (automatic) approach impulses, (d) the mediating effects of (positive and negative) emotions on the stereotype-behaviour relationship, and (e) the relative predictive validity of explicitly- and implicitly-measured country stereotypes with respect to a wide range of behavioural outcomes. The project findings are expected to substantially advance both COO theory and stereotyping theory as well as generate several implications relevant for practice.

### Portfolio Risk and Asset Allocation: Utilizing High-Frequency Information in High Dimensions

Contact person: Hautsch, Nikolaus & Pflug Georg (joint project with Faculty of Mathematics)  
Research Theme: Statistics and Risk Analysis (SRA)  
Funding Source: WWTF (Wiener Wissenschafts-, Forschungs- und Technologiefonds)  
Funding: 350,000 € (attributed to our Faculty; total funding of project 585,000 €)  
2015 – 2018

Measuring and predicting risk of financial positions and using risk forecasts for decision making is of high social relevance. The recent financial and economic crisis taught us that misperception and underestimation of risk can have dramatic consequences for both the financial sector and the entire society. New challenges arise due to an increasing emphasis on the analysis of extreme events, the requirement of managing large-scale portfolios and the possibility of exploiting high-frequency market information. To address these issues, the objective of this project is twofold. On the one hand, we aim for a deeper understanding of high-dimensional dependencies of asset returns, reflected by more advanced estimates of covariance structures, tail dependencies and measures reflecting extreme (correlation) risks. On the other hand, we will develop mathematical and statistical tools for optimising large-dimensional portfolio positions and for monitoring and managing their risks under realistic conditions. The innovations of this project are (i) the development of a theoretical and empirical framework to control for transaction costs in high-frequency based portfolio optimisation, (ii) the further development of high-dimensional copula models and measures of tail dependence, and (iii) the construction of forecasts of large-scale asset return covariances exploiting high-frequency data.

### Network Optimization in Bioinformatics and System Biology

Contact person: Bomze, Immanuel & Ljubic, Ivana  
Research Themes: Corporate Strategies and Processes (CSP), Management of Resources (MR), Statistics and Risk Analysis (SRA)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 347,760 €  
2014 – 2019

Mathematical models and algorithmic approaches for solving combinatorial optimisation problems from the field of network optimisation are known to be essential in telecommunications and the design of transportation and supply chain networks. More recently, it has been discovered that network optimisation algorithms are

also crucial in the context of bio-informatics and system biology. Numerous publications in system biology point out that studying functions, structures and interactions of proteins in combination with networks can provide new insights regarding robust biomarkers and can allow new discoveries regarding protein functions, or testing of new hypothesis regarding their interactions. Network optimisations algorithms have also been applied in the analysis of functional modules in protein-protein interaction networks, the discovery of regulatory subnetworks, in revealing hidden components in biological processes, or in detecting transcription factor modules. Motivated by these recent developments, we aim to study several network optimisation problems that are among the most challenging ones in the fields and that were not sufficiently studied or understood so far. In this project we also aim at developing the first supernetwork-driven approach in combinatorial optimisation that will seamlessly integrate various methodologies from operations research (exact and metaheuristic approaches for network optimisation) and computer science (machine learning) into a single mathematical framework.

### Fair and Efficient Allocation of Transportation (FEAT)

Contact person: Dörner, Karl & Vetschera, Rudolf  
Research Theme: Management of Resources (MR)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 322,868 €  
2016 – 2018

Transportation carriers fulfill transport requests for other parties and provide the physical connection between shippers, who own the freight, and their customers. To improve the situation and stay competitive, carriers must focus on transport requests offering a relatively high profit margin. A particular problem is caused by empty (return) trips, which by definition do not generate revenue, but cause costs and thereby reduce profits. The main goal of the present project is to study collaborative mechanisms to reallocate trips between carriers and thus improve the system-wide efficiency. We consider periodic shipments of goods in a three-stage setting. In local trips, goods are collected from costumers to hubs. A carrier is assumed to have at least two hubs, which are connected by a long haul transportation leg. Goods arriving at the destination of this main leg are again distributed to customers using local trips.

### Heuristic Optimization in Production and Logistics (HOPL)

Contact person: Dörner, Karl (project collaboration with external partners)  
Research Themes: Management of Resources (MR)  
Funding Source: FFG (Österreichische Forschungsförderungsgesellschaft)

Funding: 307,999 € (attributed to our Faculty; total funding of project 984,000 €)  
2014 – 2018

This project aims to develop novel algorithms in order to gain additional optimisation potential by modeling and optimising interrelated logistics and production processes in an integrative way. The main goals for the application of optimisation networks in this project are:

- integrated storage, transport and schedule optimisation
- strategic planning and design of production and logistics systems
- integration of data-based modeling in the optimisation of production processes

#### Evaluation of Soft Measures to Promote Student Success

Contact person: Tyran, Jean-Robert  
Research Theme: Human Behaviour and the Economy (HBE)  
Funding Source: Federal Ministry of Science, Research and Economy  
Funding: 300,000 €  
2016 – 2019

The aim of this research project is to systematically evaluate various "soft" measures implemented by the University of Vienna to promote student success. Measures are called "soft" if they do not entail regulations for students or are based on economic incentives like sanctions or rewards. Therefore, students are not coerced or constrained by soft measures and remain entirely free to choose the pace and sequence of their studies as if the measures were not present. Soft measures are also cheap to implement. Typical examples of such measures are reminders of important deadlines or providing online tools for planning coursework. To evaluate the effectiveness of such measures, the University plans to implement a series of soft measures at different times in different faculties. Not all students will therefore experience the same measures at the same time. The purpose of the evaluation is to determine which measures are particularly effective such that they can be used to the benefit of all students.

#### Securing Health Care in Emergency Situations (S-HELP)

Contact person: Rauner, Marion (project collaboration with external partners)  
Research Themes: Corporate Strategies and Processes (CSP), Management of Resources (MR), Statistics and Risk Analysis (SRA)  
Funding Source: EU fp7-project  
Funding: 278,647 € (attributed to our Faculty; total funding of project 3,500,000 €)  
2014 – 2017

Large scale disasters – be they natural, deliberate or accidental – are inevitable. They do not respect borders, a large number of people will die and the long term consequences from economic to mental health can for years devastate the affected population. People, not tools, are the most important asset. Healthcare practitioners and services respond to emergency situations but they are sometimes overwhelmed often requiring rapid decision-making. Decisions in the allocation of strained resources, prioritizing casualties, while simultaneously trying to contain the level of impact are challenging.

Between 70 % and 80 % of disaster losses are secondary to indirect deaths that would not have occurred without the breakdown of social and health services and the information systems. Therefore, preparedness and response capabilities of Health Services will directly impact society's ability to 'bounce back' to become more resilient to such devastating shocks.

The central aim of S-HELP "Securing Health.Emergency. Learning.Planning – Development of Decision Support Tools for Improving Preparedness and Response of Health Services Involved in Emergency Situations" project is to develop and deliver a holistic framed approach to healthcare preparedness, response and recovery. S-HELP is a people, process and technological solution to emergency situations.

#### Model selection and inference with sparse models when the true model need not be sparse

Contact person: Leeb, Hannes  
Research Theme: Statistics and Risk Analysis (SRA)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 266,742 €  
2015 – 2018

Recent results of Leeb (2013) and Steinberger and Leeb (2014) entail that most low-dimensional submodels of a high-dimensional linear model are approximately correct, in an appropriate sense. The proposed research project aims to explore the statistical implications of this finding to sparse modelling and to inference after model selection from a class of sparse models, in various scenarii, and to extend the existing theory. The goal is to develop statistical methods for model selection and inference with sparse working models without relying on sparsity assumptions.

#### Fairness, Personal Responsibility, and the Welfare State

Contact person: Tyran, Jean-Robert (project collaboration with external partners)  
Research Themes: Human Behaviour and the Economy

(HBE), Changing Markets and Institutions (CMI)

Funding Source: Norface (EU)

Funding: 250,000 € (attributed to our Faculty; total funding of project 1,500,000 €)

2015 – 2018

The aim of the research project "Fairness, personal responsibility and the welfare state" is to analyse how fairness considerations, in particular with respect to personal responsibility, affect the support and effectiveness of welfare policies. The European welfare states are faced with important challenges, in particular related to financial strains on the welfare system, changing migration flows and increasing inequality. Partly as a response to these challenges, there is an increasing focus on personal responsibility. The proposed research project provides new knowledge about how the welfare states can meet these challenges and how concerns for personal responsibility can be integrated in the design of welfare schemes in a way that is perceived as fair.

Four research teams from Norway, the Netherlands and Austria take a cross-disciplinary perspective on fairness and use an innovative combination of methods, including administrative register data, surveys, as well as field and laboratory experiments.

#### Representative Democracy: Theory and Experiments

Contact person: Tyran, Jean-Robert & Wagner, Alexander K.

Research Themes: Human Behaviour and the Economy (HBE), Changing Markets and Institutions (CMI)

Funding Source: DFG (Deutsche Forschungsgemeinschaft)

Funding: 250,000 €

2014 – 2017

This proposal incorporates insights from psychology into economic reasoning to better understand political processes and outcomes in representative democracy. In terms of academic disciplines, the proposal is located at the crossroads of economics, psychology and political science, and in terms of method it is grounded in both theory and experiment. Economic reasoning will be used to investigate how rational and self-interested politicians change their behaviour when voters are forgetful, inattentive and have limited foresight. This approach starts from the well-defined benchmark of rational choice theory and adds psychological realism to how voters are modelled. The theoretical investigation is expected to yield clear and testable predictions. These predictions are tested in a controlled laboratory setting. The general aim is to provide an empirically grounded model of the political process and to inform us when we need to be careful in advancing conclusions from rationalistic models.

#### Out-of-sample Prediction Using Shrinkage Estimators

Contact person: Leeb, Hannes

Research Theme: Statistics and Risk Analysis (SRA)

Funding Source: FWF (Wissenschaftsfonds)

Funding: 192,182 €

2014 – 2018

In regression, performance analyses of shrinkage estimators are mainly focused on parameter estimation and on in-sample prediction. Little is known about the performance of shrinkage estimators for out-of-sample prediction, where the goal consists of estimating the regression function at new and un-observed points. Recently, Huber and Leeb (2013) showed that the James-Stein estimator can fail to dominate the maximum-likelihood estimator for out-of-sample prediction. The goal of the proposed research project is to analyse this and related phenomena, to design new shrinkage estimators with good predictive performance out-of-sample, and to develop inference methods like prediction intervals based on these new estimators.

#### Sansero Safe and Secure Routing

Contact person: Dörner, Karl

Research Theme: Management of Resources (MR)

Funding Source: FWF (Wissenschaftsfonds)

Funding: 180,548 €

2015 – 2019

In this project, a new multi-criterial vehicle routing problem is studied in which different locations demand for periodic service. The objective is to determine cost efficient yet heterogeneous tours. The latter is defined such that repeating particular sequences of nodes or edges has to be avoided and that service at specific nodes or edges are serviced at the same time of day they have already been serviced before.

#### The ERP-System of the future (ERP3)

Contact person: Dörner, Karl

Research Theme: Management of Resources (MR)

Funding Source: Ramsauer & Stürmer Software GmbH

Funding: 175,090 €

2016 – 2016

This project aims at the extension of an existing planning model and of existing planning procedures for task scheduling in production developed in the previous year of the project. In several iterations and extension phases considered planning data and complexity of procedures (e.g. sequence dependent setup-costs, integration of sub-contracted manufacturing, etc.) is to be increased.

### Models for Ecological, Economical, Efficient, Electric Car Sharing (e4-share)

Contact person: Leitner, Markus (project collaboration with external partners)  
Research Themes: Corporate Strategies and Processes (CSP), Management of Resources (MR)  
Funding Source: FFG (Österreichische Forschungsförderungsgesellschaft)  
Funding: 162,865 € (attributed to our Faculty; total funding of project 804,731 €)  
2014 – 2017

Due to growing awareness and concerns regarding pollution, sustainability and living quality, cities are confronted with severe challenges and need to manage a transformation process that ultimately shall lead to fewer emissions and less energy consumption while increasing the quality of public space available to citizens. At the same time, however, citizens ask for flexible solutions that allow to efficiently use different modes of transport without increasing their planning overhead. Among others, car-sharing systems and the usage of electric cars are currently increasingly gaining popularity to meet some of these challenges. In the project e4-share, we will lay the foundations for efficient and economically viable electric car-sharing systems by studying and solving the optimisation problems arising in their design and operations. A main goal is to derive generic methods and strategies for optimised planning and operating. In particular concerning flexible variants which best meet preferences of customers but impose nontrivial challenges to operators. We will develop novel, exact and heuristic, numerical methods for finding suitable solutions to the optimisation problems arising at the various planning levels as well as new, innovative approaches considering these levels simultaneously.

### Low Emission Electric Freight Fleets (LEEFF)

Contact person: Dörner, Karl (project collaboration with external partners)  
Research Theme: Management of Resources (MR)  
Funding Source: FFG (Österreichische Forschungsförderungsgesellschaft)  
Funding: 122,500 € (attributed to our Faculty; total funding of project 2,679,000 €)  
2016 – 2019

As the LEEFF (Low Emissions Electric Freight Fleets) project follows an integrative multiperspective approach to the Call objectives, the key elements of the examined system have to be identified. These key elements contribute to reach the target of a commercially viable overall solution for an electric fleet operation addressed by the Call. To reach the set targets, an advanced eVan together with

an adapted battery and a smart charging station for commercial use at logistical hubs will be developed and an innovative business model for fleet operators together with adapted planning and communication tools realised as a prototype. The target users will be provided practical guidelines, a show case presentation based on a comprehensive demonstration mode and a strategic implementation.

### Consistent Stochastic Inventory Routing Management (COSIMA)

Contact person: Dörner, Karl  
Research Theme: Management of Resources (MR)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 118,104 €  
2016 – 2019

This project integrates two fundamental logistical aspects that are typically investigated independently or sequentially: inventory management and transportation routing optimisation. We extend the existing knowledge with regard to essential real-world characteristics of such problems and develop new approaches for the integration of these two aspects. Stochastic demands at the retailers are typically non-stationary and correlated, emergency shipments are allowed and service level requirements have to be met. Moreover, we incorporate consistency, i.e. delivery at a certain retailer should always take place within the same time interval. This leads to a two-stage multi-echelon inventory problem with routing, stochastic lead times and non-equidistant review periods.

### Consumer Regret in Global versus Local Brand Purchase Decisions

Contact Person: Diamantopoulos, Adamantios  
Research Theme: Human Behaviour and the Economy (HBE)  
Funding Source: OeNB (Österreichische Nationalbank)  
Funding: 98,000 €  
2015 – 2017

Consumer Regret in Global versus Local Brand Purchase Decisions. The proposed research project investigates the relationship between perceived brand globalness (i.e. consumers' perception of a brand's global availability and reach) and consumer regret (i.e. the feeling rising after the realisation or the anticipation of suboptimal decisions due to the presence of better, non-chosen alternatives) as well as their joint impact on consumer behaviour. Two conceptual frameworks (one for anticipated and one for experienced regret) are proposed for subsequent testing in a series of complementary studies. The project findings are expected to enrich both the global branding and

consumer decision making literatures and provide novel theoretical and managerial insights on the competition between local and global brands, the psychological processes underlying global/local brand preferences, and the optimality of consumer decision making.

### [The Effects of Liquidity Regulation in Basel III on Financial Stability](#)

Contact person: Loranth, Gyongyi  
Research Theme: Human Behaviour and the Economy (HBE)  
Funding Source: OeNB (Österreichische Nationalbank)  
Funding: 96,000 €  
2016 – 2018

Liquidity requirements were introduced after the recent financial crisis to combat illiquidity due to market freezes. The aim of this project is to study the effects of liquidity requirements on financial stability. We argue that liquidity give banks an incentive to use staggered debt structures, because this maximises the amount of profitable, illiquid assets the bank can hold at any given point in time. We plan to analyse whether staggered debt structures are more prone to bank runs and propose to develop a model that allows to compare the probability of bank runs between staggered and concentrated debt structures.

### [Risk Capital for Flood Catastrophes in Europe](#)

Contact person: Pflug, Georg  
Research Theme: Statistics and Risk Analysis (SRA)  
Funding Source: OeNB (Österreichische Nationalbank)  
Funding: 94,500 €  
2014 – 2017

In recent years, we have observed lots of natural catastrophes in Austria, Europe and the whole world. These catastrophes have direct impact on the financial strength of affected countries, often leading to increasing taxes, additional public debts and budget diversion. Of course these impacts have further consequences on the available budget of private households and/or governments, thus reducing investments and opportunities for the future. The aims of this project are twofold: (i) to set the theoretical background for statistical risk modeling of regional and temporal distributed catastrophic events; (ii) to analyse and design insurance schemes for interregional and international protection against losses from these events.

### [Autocorrelation Robust Testing in Regression Models](#)

Contact person: Pötscher, Benedikt

Research Theme: Statistics and Risk Analysis (SRA)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 66,689 €  
2015 – 2016

Testing hypotheses on regression coefficients in linear models with correlated disturbances is a topic of central interest in econometrics and statistics. Even in a Gaussian setting this is a non-trivial testing problem due to the presence of the (possibly infinite-dimensional) nuisance parameters that govern the dependence structure. Most tests available in the literature are F-tests that are corrected for the autocorrelation in the data (also known as "autocorrelation-consistent" or "autocorrelation robust" tests) and are justified on the basis of a standard asymptotic analysis. Recently, Preinerstorfer and Pötscher (2013) have shown analytically that in finite samples these procedures typically break down into either the size of these autocorrelation-corrected F-type tests is equal to one, or the nuisance-minimal power is equal to zero (which of the two cases arises depends on an observable quantity being either above or below a certain threshold). Furthermore, they identified the cause for this effect, namely a concentration effect due to strong correlation. Exploiting this observation they suggested an adjustment procedure for autocorrelation-corrected F-type tests that can render such a test immune to the concentration effect. For the adjustment procedure to work, assumptions concerning the behaviour of the correlation structure at its "singular boundary" and the number of its so-called concentration subspaces have to be satisfied (which is, e.g., the case for autoregressive models of order 1). The goal of the proposed project is to understand the testing problem for more complex correlation models that do not satisfy these assumptions, and to design appropriate adjustment procedures that perform well in terms of finite sample size and power properties of the resulting tests in these more difficult settings.

### [Green City Hubs: Developing Sustainable Logistics for Delivery within a City](#)

Contact person: Dörner, Karl (project collaboration with external partners)  
Research Themes: Corporate Strategies and Processes (CSP), Management of Resources (MR)  
Funding Source: FFG (Österreichische Forschungsförderungsgesellschaft)  
Funding: 63,900 € (attributed to our Faculty; total funding of project 355,700 €)  
2014 – 2016

The research project "GreenCityHubs" develops a concept of sustainable inner-city delivery logistics using inner-city distribution centers (City Hubs) and alternative fueled

vehicles. The problem is addressed from the technical, urban planning and transit oriented view. This explicitly interdisciplinary research approach should lead to an economically, socially and ecologically balanced result, which will be evaluated by metrics of delivery service, economics, energy usage and environmental emissions.

#### [New Ways to Support Decision Making and to Guide Production Processes](#)

Contact person: Dörner, Karl (project collaboration with external partners)  
Research Themes: Corporate Strategies and Processes (CSP), Management of Resources (MR)  
Funding Source: FFG (Österreichische Forschungsförderungsgesellschaft)  
Funding: 60,000 € (attributed to our Faculty; total funding of project 603,500 €)  
2014 – 2016

The project "i2V NPS 2" investigates new methods for priority-rule-based guidance and control of flexible, volatile production processes at the operational shop floor level according to user-defined strategies. To do so, complex priority rules are automatically synthesized and iteratively optimized by using meta-heuristics and simulation models. To specifically define the desired production strategies, economic, environmental and work psychological indicators are merged by holistic rating models.

#### [Consumer Responses to Country-of-Origin, Region-of-Origin and Brand-Specific Cues:](#)

Cognitive and Affective Dimensions  
Contact Person: Diamantopoulos, Adamantios  
Research Theme: Human Behaviour and the Economy (HBE)  
Funding Source: Dr. Theo and Friedl Schöllner  
Forschungszentrum für Wirtschaft und Gesellschaft  
Funding: 50,000 €  
2011 – 2018

Through a set of complementary studies, this project investigates the impact of alternative intonations (cognitive vs. affective) of country- and region-of-origin information on consumers' brand perceptions, buying intentions and willingness to pay. Particular emphasis is placed on (a) the relative importance of cognitive and affective dimensions of origin designation on consumer responses, (b) the role that multiple (i.e. national and regional) consumer identities play in shaping such responses, and (c) potential variations across different product categories.

#### [Radiotherapy Patient Scheduling](#)

Contact person: Dörner, Karl  
Research Theme: Management of Resources (MR)  
Funding Source: EBG MedAustron GmbH  
Funding: 10,000 €  
2015 – 2017

The research project deals with the scheduling of radiotherapy treatment appointments for critically ill patients at the radiotherapy center MedAustron in Wiener Neustadt. When scheduling these appointments, various constraints must be considered, e.g. some activities can be performed on alternative resources. Furthermore, the daily irradiation starting time should remain stable among the treatment days for the patients. Additionally to the main appointments (irradiation) recurring control appointments need to be scheduled.

### [Externally Funded Graduate Schools<sup>1</sup>](#)

#### [Vienna Graduate School of Finance \(4th Funding Period\)](#)

Contact person: Gehrig, Thomas; Hautsch, Nikolaus & Loranth, Gyongyi  
Partner Institutions: Vienna University of Economics and Business (WU) & Institute for Advanced Studies (IHS)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 562,500 € (attributed to our Faculty; total funding of project 2,250,000 €)  
Research Themes: Human Behaviour and the Economy (HBE), Changing Markets and Institutions (CMI), Corporate Strategies and Processes (CSP), Statistics and Risk Analysis (SRA)  
2011 – 2016

#### [Vienna Graduate School on Computational Optimization](#)

Contact person: Bomze, Immanuel & Pflug, Georg  
Partner Institutions: Faculty of Mathematics, Faculty of Computer Science, Vienna University of Technology (TU), Institute of Science and Technology Austria (ISTA)  
Funding Source: FWF (Wissenschaftsfonds)  
Funding: 398,949 € (attributed to our Faculty; total funding of project 1,595,795 €)  
Research Theme: Statistics and Risk Analysis (SRA)  
2016 – 2019

### [Other Fundings](#)

#### [Working Group "Financial Crises"](#)

Contact Person: Gehrig, Thomas

<sup>1</sup>For more details on the graduate schools, see page 57

Research Theme: Changing Markets and Institutions (CMI)  
Funding Source: ÖFG (Österreichische  
Forschungsgemeinschaft)  
Funding: max. 15,000 € per year  
2013 – 2019

The working group "Financial Crises" is a forum for scientific analysis and of the European economic crises of the new millennium. It focusses on creating public information as a basis for public discussion to cope with those crises and prevent future even more challenging ones. Therefore, the working group contributes to providing facts and raising awareness for public debates on financial crises and crises in general. It addresses the fundamental question whether, and in case how, liberal social systems can be organised in a resilient manner.

#### Economic Coordination under Time Pressure: Evidence from Experiments

Contact person: Sonntag, Axel  
Research Theme: Human Behaviour and the Economy (HBE)  
Funding Source: Graf Hardegg'sche Stiftung  
Funding: 7,500 €  
2016 – 2017

Many if not most important economic situations involve some kind of time pressure, either in the form of explicit and fixed deadlines or because time is money. In this project we consider the role of time pressure for interactive situations that involve an essential element of coordination. We are interested in the following questions: Will increased time pressure affect the likelihood that a coordinated agreement will be reached, and what kind of agreement, if any, is reached? The first of these questions is related to the efficiency implications of increased time pressure; the second concerns the nature of the division of the surplus. One possibility that we are especially interested in investigating is whether people may become more likely to reach a coordinated outcome the less time they have available. This could happen because higher time pressure affects the kind of reasoning decision makers engage in. For example, a tight deadline might make decision makers more likely to select a fair outcome that gives equal money earnings (see Rand, Greene & Nowak, 2012 for a public goods game setting), rather than end up in a dispute over outcomes that offer unequal money payments and are preferred by different players. Since it is very hard to vary deadlines in real situations, or to get natural data from cases where the deadline was varied, we will pursue an experimental approach. This has the advantage that we can collect data from a controlled environment, where we can vary the kind of time pressure faced by the decision makers and study its impact on behaviour.

#### Business Partnership

Contact Person: Sopp, Karina  
Research Theme: Corporate Strategies and Processes (CSP)  
Funding Source: EY Wirtschaftsprüfungsgesellschaft mbH  
Wien  
Funding: 2,990 €  
2015 – 2016

Realisation of a so called "business partnership" in the lecture "Financial Statement Analysis and Business Evaluation" to promote the practical relevance.

## Sponsoring of Research Activities

#### EULOG Conference

Contact Person: Dörner, Karl  
Funding Source: RISC Software GmbH  
Funding: 9,000 €  
Research Theme: Management of Resources (MR)  
September 14, 2016 – September 16, 2016

# Graduate Schools

The Faculty of Business, Economics and Statistics has three funded graduate programmes, the Vienna Graduate School of Finance (VGSF), the Vienna Graduate School of Economics (VGSE) and the Vienna Graduate School of Computational Optimization (VGSCO). All of the programmes receive funding from the FWF and are run together with partner institutions, such as the WU, IHS and ISTA.

## Vienna Graduate School of Finance

The Vienna Graduate School of Finance is the oldest Graduate School in social sciences funded by the FWF for the maximum of 4 consecutive funding periods from 2005-2016. In this regard VGSF is a pioneering graduate programme in Austria. Since its foundation it builds on a successful and close cooperation between the partner institutions, the University of Economics and Business (WU), the Institute of Advanced Studies (IHS) and the University of Vienna<sup>2</sup>. The business model of VGSF is based on co-teaching and co-supervision both between local faculty and high-calibre international visiting faculty from leading universities worldwide such as UC Berkeley, Copenhagen Business School, Hebrew University of Jerusalem, London Business School, University of Michigan, University of Minnesota, MIT, UC San Diego, Stockholm School of Economics, Swiss Finance Institute and Vanderbilt University. VGSF also organises a weekly top-notch seminar series with leading scholars in any area of finance worldwide. The research seminar series also builds an essential bridge across the Atlantic. The partners are currently jointly securing funding for the future development of VGSF.

During the four funding periods, VGSF admitted about 40 students for doctoral studies from 15 countries including Austria, Bulgaria, China, Germany, Hungary, India, Italy, US, Poland, Russia, Slovakia, Switzerland and Turkey. VGSF has attained international visibility with its excellent international placement record at academic institutions like Aarhus University, Vrije University of Amsterdam, Bocconi, Carnegie Mellon, HU Berlin, NHH Bergen, BI Norwegian Business School, Georgia Institute of Technology, Hongkong University, MIT, Erasmus University of Rotterdam, Swiss Finance Institute, UNSW Sydney and Zayed University in addition to private sector placements and placements at central banks. VGSF graduates also had offers from University of Amsterdam, University of Melbourne, HEC Montreal, University of San Francisco, Federal Reserve Bank of St. Louis and Warwick University among others.

### Participating Scholars of our Faculty:

- Gehrig, Thomas;
- Hautsch, Nikolaus;
- Loranth, Gyöngyi

## Vienna Graduate School of Economics

The Vienna Graduate School of Economics (VGSE) had been funded by the FWF in the period from 2010-2015 and will be continued to be funded from 2017- 2021. Since its foundation VGSE has admitted about 25 students from many different countries, including Austria, Bulgaria, Chile, Croatia, Germany, Hungary, India, Japan, Macedonia, Moldavia, Poland, Russia, Serbia, Slovakia, South Africa and Turkmenistan. Its first graduates have been placed in the private sector, government institutions and in renowned universities in Europe, such as the University of Frankfurt, the University of Helsinki, University of Innsbruck, Technical University Vienna and The Vienna University of Economics and Business (WU).

At the core of the VGSE educational programme are two informal brown bag seminars (in micro and macroeconomics) where students and Faculty members present ongoing research. Students receive in-depth feedback on their research progress and are intensively supervised by a team of supervisors. VGSE also provides the backdrop of many intensive research collaborations among students and between Faculty members and students. VGSE also received many renowned guest professors from around the world (see, [www.vgse.at](http://www.vgse.at) for details).

### Participating Scholars of our Faculty:

- Cuñat, Alejandro
- Gehrig-Merz, Monika
- Janssen, Maarten
- Müller, Wieland
- Pichler, Paul
- Reiter, Michael
- Schlag, Karl
- Schmidt-Dengler, Philipp
- Sorger, Gerhard
- Tyran, Jean-Robert

## Vienna Graduate School on Computational Optimization

The Vienna Graduate School on Computational Optimization (VGSCO), financed by the Austrian Science Fund (FWF), is a collaboration between the Faculty of Business, Economics and Statistics, the Faculty of Mathematics and the Faculty of Computer Science (all 3 of the University of Vienna), the University of Technology (TU) Vienna and the Institute of Science and Technology (ISTA) Austria. It was started in fall 2016 with 8 fully and 10 partially funded students who were carefully selected in a competitive manner. The goal of the research and training programme of this Graduate School is to give the PhD candidates a comprehensive training in optimisation with special emphasis on algorithmic and computational aspects as well as to prepare them for a scientific career

<sup>2</sup>The founding fathers were Engelbert Dockner (UW), Stefan Pichler (UW), Klaus Ritzberger (IHS) and its speaker Josef Zechner (UW) in 2005.

by introducing them into the scientific networks of the participating scientists. The structure of the programme also allows to study the relations between different areas of optimisation. In long term the collaboration between the members and their respective institutions will be fostered in order to make Vienna a place of excellence in Computational Optimization.

The training is given through short intensive courses by Visiting Professors from well-established universities

worldwide. In particular from Technion Israel, Iowa State University, University of Edinburgh, Imperial College London, Spanish Artificial Intelligence Research Institute, Cornell University, IMPA Rio de Janeiro, University of British Columbia, University of Coimbra, Georgia Tech, EPFL Lausanne.

#### Participating Scholars of our Faculty:

- Bomze, Immanuel
- Pflug, Georg

## Dissemination of Research

This section lists our activities in disseminating, discussing and debating research. We first list invited talks of our Faculty at the University of Vienna by speaker in chronological order. Subsequently, we mention research visits and collaborations realised by our Faculty. We

then state the workshops that have been (co-)organised by members of our Faculty, as well as the presentations in one of our seminar series. We close this section with indicating awards and fellowships our Faculty members received in 2016.

### Invited talks

[Der Umgang mit Fehlern in der Rechnungslegung](#)  
Altenburger, Otto  
Wiener Bilanzrechtstage 2016  
April 1, 2016

[New bounds for the cp-rank in copositive optimization](#)  
Bomze, Immanuel  
Technische Universität Graz  
January 22, 2016

[Copositive Optimization](#)  
Bomze, Immanuel  
Universidad de Sevilla  
April 25-29, 2016

[Tightening Dual Bounds for QCQPs by Copositivity](#)  
Bomze, Immanuel  
XI Brazilian Workshop on Continuous Optimization,  
Manaus  
May 24, 2016

[The role of copositivity in optimality conditions and relaxation bounds](#)  
Bomze, Immanuel  
Universität Trier  
June 13, 2016

[Ternary and other hard decision problems: how copositive optimization can help](#)  
Bomze, Immanuel

Koc University, Istanbul  
October 31, 2016

[Copositive Optimization](#)  
Bomze, Immanuel  
Maastricht University (UM)  
September 28, 2016

[20 years of vehicle routing in Vienna - The many challenges of the VRP solved by Richard F. Hartl](#)  
Dörner, Karl  
EULOG 2016: Workshop in Honor of R. F. Hartl, Vienna  
September 16, 2016

[Runs and Rumors in Opaque Markets - Evidence from the 1907 Panic](#)  
Gehrig, Thomas  
Annual Meeting of the Allied Social Science Association  
2016, San Francisco  
January 3, 2016

[Liquidity Risk, Bank Networks, and the Value of Joining the Federal Reserve System - Comment on Charles Calomiris](#)  
Gehrig, Thomas  
Annual Meeting of the Allied Social Science Association  
2016, San Francisco  
January 3, 2016

[Rumors and Runs in Opaque Markets: Evidence from the Panic of 1907](#)

Gehrig, Thomas  
Econometric Society Winter Meeting 2016, San Francisco  
January 3-6, 2016

[Rumors and Runs in Opaque Markets: Evidence from the Panic of 1907](#)

Gehrig, Thomas  
CEPR First Annual Spring Symposium, Imperial College,  
London  
April 7-8, 2016

[Rumors and Runs in Opaque Markets: Evidence from the 1907 Panic](#)

Gehrig, Thomas  
Friedrich-Wilhelms-Universität Bonn  
May 3, 2016

[Towards an Anatomy of Cartel Breakdown](#)

Gehrig, Thomas  
Workshop Game Theory, Vienna  
June 15, 2016

[Information and Market Quality](#)

Gehrig, Thomas (Keynote Speaker)  
Metzler-Rothschild Workshop: Comparative Financial  
Systems - A Historical Perspective, Frankfurt  
June 17, 2016

[Industriestruktur des Börsenhandels](#)

Gehrig, Thomas  
Sustainable Architecture in Finance for Europe – SAFE,  
Frankfurt  
June 28, 2016

[Did the Basel Process of Capital Regulation Enhance the Resiliency of European Banks](#)

Gehrig, Thomas  
Jahrestagung des Vereins für Socialpolitik 2016, Augsburg  
September 5-7, 2016

[Did the Basel Process of Capital Regulation Increase the Safety and Soundness of European Banks?](#)

Gehrig, Thomas  
Joint Seminar in Finance: Hebrew University and  
University of Vienna, Vienna  
September 20-21, 2016

[Did the Basel Process of Capital Regulation Increase the Resiliency of European Banks?](#)

Gehrig, Thomas  
Bank for International Settlements, Basel  
October 3, 2016

[Did the Basel Process of Capital Regulation Increase the Resiliency of European Banks?](#)

Gehrig, Thomas  
Universite de Nice Sophia Antipolis  
October 6, 2016

[Dark Pools and Price Discovery](#)

Gehrig, Thomas  
Universite de Nice Sophia Antipolis  
October 5, 2016

[Did the Basel Process of Capital Regulation Increase the Resilience of European Banks?](#)

Gehrig, Thomas  
ÖFG Conference: Regulation as a Source of Systemic  
Risk, Innsbruck  
November 10-11, 2016

[Regulation as a Source of Systemic Risk](#)

Gehrig, Thomas (Keynote Speaker)  
Leopold-Franzens-Universität Innsbruck  
November 11, 2016

[Financial Supervision and Cross-Border Banking](#)

Gehrig, Thomas  
Universität St. Gallen  
November 15, 2016

[European Banks - Not yet Safe Nor Sound](#)

Gehrig, Thomas  
Center for European Studies, Harvard University,  
Cambridge, USA  
November 30, 2016

[Regulating European Banks](#)

Gehrig, Thomas  
Harvard University, Boston, USA  
December 1, 2016

[Did the Basel Process of Capital Regulation Enhance the Resiliency of European Banks?](#)

Gehrig, Thomas  
Ridge-BCU Workshop on Financial Stability, Montevideo  
December 5-7, 2016

[Gibt es in Zukunft noch Arbeit für jeden?](#)

Gehrig-Merz, Monika  
Aufschwung Austria, Vienna  
October 17, 2016

["Revisiting the Stealth Trading Hypothesis – Does Time-Varying Liquidity Explain The Size-Effect?"](#)

Hautsch, Nikolaus  
Karlsruhe Institute of Technology  
April 27, 2016

[Volatility, Information Feedback and Market Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus (Keynote Speaker)

Jan Mossin Memorial Symposium on Financial Markets,  
NHH Bergen  
June 9-10, 2016

[Volatility, Information Feedback and Market  
Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus  
Symposium on Financial Engineering and Risk  
Management (FERM), Guangzhou  
June 13, 2016

[The Hidden Side of the Market: Order Exposure and  
Liquidity Coordination](#)  
Hautsch, Nikolaus  
Banca d'Italia, Rome  
September 5, 2016

[High Speed on Financial Markets – Blessing or Curse?](#)  
Hautsch, Nikolaus  
Duke University, Durham, USA  
September 12, 2016

[Volatility, Information Feedback and Market  
Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus  
Conference "New Developments in Measuring and  
Forecasting Financial Volatility", Durham, USA  
September 17, 2016

[Volatility, Information Feedback and Market  
Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus  
Commodity Futures Trading Commission (CFTC),  
Washington  
September 19, 2016

[Volatility, Information Feedback and Market  
Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus  
Humboldt-Universität zu Berlin  
October 20, 2016

[Volatility, Information Feedback and Market  
Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus  
University Pompeu Fabra, Barcelona  
October 25, 2016

[Volatility, Information Feedback and Market  
Microstructure Noise: A Tale of Two Regimes](#)  
Hautsch, Nikolaus  
Aarhus University  
November 3, 2016

[Heterogeneous Dynamic Models of Economic and  
Population Systems](#)  
Kerndler, Martin

International Workshop on Heterogenous Dynamic  
Models of Economic and Population Systems, Vienna  
December 1, 2016

[Knowledge, Power, and Self-Interest](#)  
Kittel, Bernhard  
European University Institute (EUI), Florence  
October 19, 2016

[Empirical Justice Research: Institutions, Attitudes, and  
Behavior](#)  
Kittel, Bernhard  
Universität zu Köln  
November 29, 2016

[How to justify fitting simple models to high-dimensional  
data](#)  
Leeb, Hannes  
Workshop on Model Selection, Leuven  
September 8, 2016

[Understanding Bank Payout during the Financial Crisis of  
2007-2009](#)  
Loranth, Gyöngyi  
University of Manchester  
May 11, 2016

[Multinational Banks and Supranational Supervision](#)  
Loranth, Gyöngyi  
Summer Forum Barcelona GSE  
June 27, 2016

[Multinational Banks and Supranational Supervision](#)  
Loranth, Gyöngyi  
The 16th Annual Bank Research Conference, Arlington,  
USA  
September 8-9, 2016

[Multinational Banks and Supranational Supervision](#)  
Loranth, Gyöngyi  
Università degli Studi di Torino  
October 11, 2016

[Understanding Bank Payout during the Financial Crisis of  
2007-2009](#)  
Loranth, Gyöngyi  
University Pompeu Fabra, Barcelona  
October 13, 2016

[Understanding Bank Payout during the Financial Crisis of  
2007-2009](#)  
Loranth, Gyöngyi  
Università degli studi di Napoli Federico II  
November 25, 2016

[Understanding Bank Payout during the Financial Crisis of 2007-2009](#)

Loranth, Gyöngyi  
IESE Business School, Madrid  
December 4, 2016

[Risk premia in energy markets](#)

Pflug, Georg  
Energy Research Workshop Disentis 2016, Disentis  
January 28, 2016

[On systemic risk](#)

Pflug, Georg  
University of Warsaw  
March 11, 2016

[Multistage stochastic programs: Time consistency and martingale bounds](#)

Pflug, Georg  
IMPA - Instituto Nacional de Matemática Pura e Aplicada,  
Rio de Janeiro  
March 28 – April 3, 2016

[Pricing of electricity contracts](#)

Pflug, Georg  
Conference for Mathematics of Energy Markets, Vienna  
July 6, 2016

[Multistage stochastic optimization: Approximation, bounds and ambiguity](#)

Pflug, Georg  
Universität Trier  
October 24, 2016

[Decision making under uncertainty: data-driven modeling](#)

Pflug, Georg (Keynote Speaker)  
Data Driven Operations Management, Eindhoven  
October 26, 2016

[An Applied Take on Dependence Uncertainty](#)

Pohl, Mathias  
Vienna Congress on Mathematical Finance  
June 16, 2016

[Manfred Deistler and the Identifiability of Linear Systems](#)

Pötscher, Benedikt  
Technische Universität Dortmund  
January 27, 2016

[Controlling the Size of Autocorrelation Robust Tests](#)

Pötscher, Benedikt  
New Approaches to the Identification of Macroeconomic Models, Oxford  
September 23, 2016

[Controlling the Size of Autocorrelation Robust Tests](#)

Pötscher, Benedikt

Aarhus University  
November 24, 2016

[Gefahrenpotenzial von Epidemien](#)

Rauner, Marion  
Special Celebration Meeting of the Karl Landsteiner Society Vienna  
June 7, 2016

[Organizing Evacuation Management for Major Disasters](#)

Rauner, Marion  
Vienna University of Economics and Business  
April 25, 2016

[Registered Cartels in Austria](#)

Schmidt-Dengler, Philipp  
E.CA Expert Forum, Berlin  
April 15, 2016

[Cycles and chaos in the one-sector growth model with elastic labor](#)

Sorger, Gerhard  
University of Luxembourg  
February 10, 2016

[Zyklen und Chaos im Ein-Sektor Wachstumsmodell mit elastischem Arbeitsangebot](#)

Sorger, Gerhard  
Jahrestagung des Theoretischen Ausschusses des Vereins für Socialpolitik, Basel  
April 22, 2016

[Multiplicity of balanced growth paths in an endogenous growth model with elastic labor supply](#)

Sorger, Gerhard  
EULOG 2016: Workshop in Honour of R.F. Hartl, Vienna  
September 14, 2016

[Statistical inference when fitting simple models to high-dimensional data](#)

Steinberger, Lukas  
Workshop on Model Selection, Leuven  
September 8, 2016

[Statistical inference when fitting simple models to high-dimensional data](#)

Steinberger, Lukas  
Université Toulouse III Paul Sabatier  
October 18, 2016

[Academy of Behavioral Economics](#)

Tyran, Jean-Robert  
Gottlieb Duttweiler Institute, Rüschlikon  
January 29, 2016

#### How Lab Experiments Contribute to Rethinking Public Economics

Tyran, Jean-Robert (Keynote Speaker)  
ZEW (Zentrum für Europäische Wirtschaftsforschung),  
Mannheim  
February 26, 2016

#### Money illusion and household finance

Tyran, Jean-Robert  
Leopold-Franzens-Universität Innsbruck  
March 14, 2016

#### Behavioral and Experimental Economics

Tyran, Jean-Robert  
Wirtschaftsuniversität Wien (WU)  
April 13, 2016

#### Voter motivation and the quality of democratic choice

Tyran, Jean-Robert  
Ludwig-Maximilians-Universität München  
April 25, 2016

#### Money illusion and household finance

Tyran, Jean-Robert  
Universität Konstanz  
April 26, 2016

#### Was ist unser Geld in 10 Jahren wert?

Tyran, Jean-Robert  
Wissenschaft und Praxis, Vienna  
June 29, 2016

#### Field Experiments as a revolution in economics and politics

Tyran, Jean-Robert  
Vienna Behavioral Economics Network  
September 7, 2016

#### Is there a dividend of democracy? An experimental foray

Tyran, Jean-Robert (Keynote Speaker)  
11th Nordic Conference on Behavioral and Experimental  
Economics, Oslo  
September 30, 2016

#### Verhaltensökonomie und Gesundheitsökonomie. Eine reflektierte Gegenüberstellung

Tyran, Jean-Robert (Keynote Speaker)  
Schweizerischer Kongress für Gesundheitsökonomie und  
Gesundheitswissenschaften, Bern  
October 21, 2016

#### The Power of Nudges

Tyran, Jean-Robert (Keynote Speaker)  
Vienna Behavioral Economics Network  
December 5, 2016

#### Digital Signage in Grocery stores: some empirical investigations

Wagner, Udo  
Humboldt-Universität zu Berlin  
June 30, 2016

#### Digital Signage in Grocery Stores: Some Empirical Investigations

Wagner, Udo  
Technische Universität Carolo-Wilhelmina zu Braunschweig  
October 27, 2016

#### Zur Anordnung von Produkten in Regalen von Lebensmittelgeschäften

Wagner, Udo  
Humboldt-Universität zu Berlin  
November 25, 2016

#### Influence of amodal, sensory packaging information on associations about the respective product

Wagner, Udo  
University of Ljubljana  
December 6, 2016

#### Analysing dynamic interactions in limit order book markets using nonparametric methods

Walsh, Christopher  
9th International Conference of the ERCIM WG on  
Computational and Methodological Statistics, Sevilla  
December 10, 2016

#### Brand Perceptions of Global Franchise Chains in the BRICS

Windsperger, Josef (Keynote Speaker)  
International Workshop on Franchising & Distribution  
Networks in Emerging Countries, Saint-Etienne  
May 13, 2016

#### Brand Reputation of Global Franchise Chains in BRICS

Windsperger, Josef (Keynote Speaker)  
Managerial Challenges of the Contemporary Society:  
Herausforderungen der Unternehmensführung in der  
heutigen Gesellschaft, Cluj Napoca  
June 3, 2016

## Research Visits & Collaborations (min. 5 days)

#### Copositive Optimization (Amadé Project)

Bomze, Immanuel  
Univ Paris 11, University of Paris Sud - Paris XI  
February 10-15, 2016

#### Copositive and Polynomial Optimization

Bomze, Immanuel  
Universidade de Sao Paulo  
February 23 – March 9, 2016

#### Transportation and Network Logistics Optimization

Bomze, Immanuel  
Universidad de Chile  
March 9-27, 2016

#### Copositive Optimization

Bomze, Immanuel  
University of New South Wales  
March 27 – April 12, 2016

#### Copositive Optimization under uncertainty

Bomze, Immanuel  
National University of Singapore (NUS)  
April 12-20, 2016

#### Copositive Optimization under uncertainty

Bomze, Immanuel  
Singapore University of Technology & Design  
April 12-20, 2016

#### Copositive Optimization (Amadé Project)

Bomze, Immanuel  
Univ Paris 11, University of Paris Sud - Paris XI  
May 4-8, 2016

#### COST Management Committee Meeting and Workshop Energy

Bomze, Immanuel  
Universidade de Coimbra  
October 25-29, 2016

#### Copositive Optimization

Bomze, Immanuel  
Koc University  
October 29 – November 2, 2016

#### Visiting scholar (Marietta Blau Stipendium)

Chudy, Marek  
University of Pennsylvania  
July 1 – December 31, 2016

#### Equity Objectives in Logistics: A Survey and Analysis

Hartl, Richard  
Tilburg University  
May 16-21, 2016

#### ERID Visitor, Duke University

Hautsch, Nikolaus  
Duke University  
September 12-18, 2016

#### Collaboration with Prof. Luis Gouveia

Ruthmair, Mario  
University of Lisbon  
February 22-26, 2016

#### Collaboration with Prof. Luis Gouveia

Ruthmair, Mario  
University of Lisbon  
September 5-10, 2016

#### Research Visit

Sinnl, Markus  
Universidad de Talca  
March 16 – April 9, 2016

## Workshop and Conferences with International Scope and Participation

#### Workshop on "Fairness, personal responsibility, and the welfare state"

June 9-10, 2016  
Number of participants: 30  
Leading Organisation: Vienna Center for Experimental Economics (VCEE)  
(Co-) Organisers of our Faculty: Tyran, Jean-Robert & Sonntag, Axel  
Keynote Speakers: Cettolin, Elena (Tilburg University), Dalton, Patricio (Tilburg University), de Haan, Thomas (NHH Bergen), Cappelen, Cornelius (University of Bergen)

#### The 13th International Conference on Mobile Web and Intelligent Information Systems

August 22-24, 2016  
Number of participants: 150  
Leading Organisation: Institute of Electrical and Electronics Engineers (IEEE)  
(Co-) Organisers of our Faculty: Strauß, Christine (General Chair, Local Organising Chair) & Kryvinska, Natalia (Programme Co-Chair, Local Organising Chair)  
(Co-) Organisers of other institutions: Programme Co-Chairs: Awan, Irfan (University of Bradford, UK), van Thanh, Do (Telenor Research and Norwegian University of Science & Technology, Norway), Publication Chair: Younas, Muhammad (Oxford Brookes University, UK), Workshop Coordinator: Masucci, Barbara (University of Salerno, Italy), Journal Special Issues Coordinator: Yu, Jian (Auckland University of Technology, New Zealand), International Liaison Chair: Ghinea, George (Brunel University, UK), Publicity Chair: Loucif, Samia (ALHOSN University, UAE)  
Keynote Speakers: Stibe, Agnis (MIT Media Lab Massachusetts Institute of Technology, USA), Ladid, Latif (University of Luxembourg)

### The 2nd International Conference on Open and Big Data

August 22-24, 2016

Number of participants: 150

Leading Organisation: Institute of Electrical and Electronics Engineers (IEEE)

(Co-) Organisers of our Faculty: Strauß, Christine (Local Organising Chair) & Kryvinska, Natalia (Local Organising Chair)

(Co-) Organisers of other institutions: General Chair: Tjoa, A Min (Technical University of Vienna, Austria) Programme Co-Chairs: Taniar, David (Monash University Australia); Awan, Irfan (University of Bradford, UK), Bentahar, Jamal (University of Concordia, Canada), Publication Chair: Younas, Muhammad (Oxford Brookes University, UK), Workshop Coordinator: Soon, Lay Ki (Multimedia University, Malaysia), Journal Special Issues Coordinator: Hussain, Farookh (University of Technology Sydney, Australia), Publicity Chair: Zhu, Bilan (Tokyo University of Agriculture and Technology, Japan), Advisory Committee: Benbernou, Salima (Université Paris Descartes, France), Bertino, Elisa (Purdue University, USA), Dustdar, Schahram (Vienna University of Technology, Austria), Wac, Katarzyna (University of Geneva, Switzerland), Jeffery, Keith (Independent Consultant and Ex-Director IT at STFC RAL, UK), Petcu, Dana (Western University of Timisoara, Romania), Vaz Salles, Marcos Antonio (University of Copenhagen, Denmark), Taniar, David (Monash University, Australia), Zhang, Yanchun (Victoria University, Australia) Keynote Speakers: Stibe, Agnis (MIT Media Lab Massachusetts Institute of Technology, USA), Ladid, Latif (University of Luxembourg)

### The IEEE 4th International Conference on Future Internet of Things and Cloud

August 22-24, 2016

Number of participants: 150

Leading Organisation: Institute of Electrical and Electronics Engineers (IEEE)

(Co-) Organisers of our Faculty: Strauß, Christine (Local Organising Chair) & Kryvinska, Natalia (Local Organising Chair)

(Co-) Organisers of other institutions: General Co-Chairs: Rana, Omer (Cardiff University, UK), Parashar, Manish (Rutgers University, USA), Awan, Irfan (University of Bradford, UK), Programme Co-Chairs: Seah, Winston (Victoria University of Wellington, New Zealand), Younas, Muhammad (Oxford Brookes University, UK), Workshop Coordinator: El Haddad, Joyce (University of Paris Dauphine, France), Journal Special Issues Coordinator: Hussain, Farookh (University of Technology Sydney, Australia), Publicity Chair: Gronli, Tor-Morten (Westerdals-Oslo School of Arts, Communication and Technology, Norway), Track Chairs: Pan, Meng-Shiuan (Tamkang University, Taiwan), Mecella, Massimo (SAPIENZA Università di Roma, Italy), Deng, Shuiguang (Zhejiang University, China), Anjum, Ashiq (University of Derby, UK), Duan, Qiang (The Pennsylvania State University, USA), Ray,

Indrakshi (Colorado State University, USA), Gemikonakli, Orhan (Middlesex University, UK), Prodan, Radu (University of Innsbruck, Austria), Pereira, Rubem (Liverpool John Moores University, UK), Shu, Lei (Guangdong University of Petrochemical Technology, China), Apduhan, Bernady O. (Kyushu Sangyo University, Japan), Bentahar, Jamal (University of Concordia, Canada), Zhang, Yan (Simula Research Laboratory, Norway), Taheri, Javid (Karlstad University, Sweden), Bittencourt, Luiz Fernando (University of Campinas, Brazil), Madeira, Edmundo (University of Campinas, Brazil), Casado, Ruben (Treelogic, Spain), Kubler, Sylvain (University of Luxembourg, Luxembourg), Advisory Committee: Bouguettaya, Athman (RMIT University, Australia), Gelenbe, Erol (Imperial College London, UK), Rana, Omer F. (Cardiff University, UK), Shi, Weisong (Wayne State University, USA), Tjoa, A Min (Vienna University of Technology, Austria), Wang, Chonggang (InterDigital Communications, USA) Keynote Speakers: Stibe, Agnis (MIT Media Lab Massachusetts Institute of Technology, USA), Ladid, Latif (University of Luxembourg)

### 1st EMAC Junior Faculty & Doctoral Student Research Camp

September 1-2, 2016

Number of participants: 27

Leading Organisations: University of Vienna, European Marketing Academy (EMAC);

(Co-) Organisers of our Faculty: Diamantopoulos, Adamantios & Wagner, Udo

(Co-) Organisers of other institutions: Van Bruggen, Gerrit (Erasmus University); Natter, Martin (University of Zurich); Völckner, Franziska (University of Cologne)

Keynote Speaker: Diamantopoulos, Adamantios (University of Vienna); Natter, Martin (University of Zurich); van Bruggen, Gerrit (Erasmus University)

### 7th International Conference on Computational Logistics

September 7-9, 2016

Number of participants: 80

Leading Organisation: University of Lisbon

(Co-) Organiser of our Faculty: Ruthmair, Mario

(Co-) Organisers of other institutions: Paias, Ana (University of Lisbon), Pereira, Ana Sofia (Wide Scope), Voss, Stefan (University of Hamburg)

Keynote Speakers: Saldanha, Ricardo (Siscog), Carvalho, Filipe (Wide Scope), Bektas, Tolga (Southampton University)

### Workshop in Behavioral Public Economics

September 8-9, 2016

Number of participants: 40

Leading Organisation: Vienna Center for Experimental Economics (VCEE)

(Co-) Organiser of our Faculty: Tyran, Jean-Robert

(Co-) Organiser of other institutions: Sausgruber, Rupert

(Vienna University of Economics and Business)  
Keynote Speakers: Almas, Ingvild (NHH Bergen), Coffman, Lucas (Harvard University), Cooper, David (Florida State University), Goette, Lorenz (University of Bonn), Heap, Shaun Hargreaves (King's College London), Irriberri, Nagore (University Basque Country), List, John (University of Chicago), Offerman, Theo (University of Amsterdam)

#### [Vienna Congress on Mathematical Finance](#)

September 12-14, 2016

Number of participants: 240

Leading Organisations: University of Vienna, Vienna University of Economics and Business, Vienna University of Technology

(Co-) Organiser of our Faculty: Klein, Irene

(Co-) Organisers of other institutions: Frey, Rüdiger (Vienna University of Economics and Business), Beiglböck, Mathias (Vienna University of Technology), Cuchiero, Christa (University of Vienna - Mathematics), Gerhold, Stefan (Vienna University of Technology), Hubalek, Friedrich (Vienna University of Technology), Rheinländer, Thorsten (Vienna University of Technology), Rudloff, Birgit (Vienna University of Economics and Business), Schachermayer, Walter (University of Vienna - Mathematics), Schmock, Uwe (Vienna University of Technology)

Keynote Speakers: Delbaen, Freddy (ETH & UZH, Zurich, and Tokyo Metropolitan Univ.), Föllmer, Hans (Humboldt-Universität zu Berlin), Friz, Peter (TU and WIAS Berlin), Gobet, Emmanuel (École Polytechnique, Paris), Rosenbaum, Mathieu (École Polytechnique, Paris), Teichmann, Josef (ETH Zurich), Veraart, Almut (Imperial College London), Acciaio, Beatrice (London School of Economics), Alos, Elisa (Pompeu Fabra University Barcelona), Bayer, Christian (WIAS Berlin), Capponi, Agostino (Columbia University, New York), Cheridito, Patrick (ETH Zurich), Horst, Ulrich (Humboldt-Universität zu Berlin), Kiesel, Rüdiger (University of Duisburg-Essen), Kreher, Dörte (Humboldt-Universität zu Berlin), Papapantoleon, Antonis (University of Mannheim, Germany), Schönbucher, Philipp (Financalytic GmbH, Bonn), Zubelli, Jorge P. (IMPA, Rio de Janeiro)

#### [EULOG - Entscheidungsunterstützung in der Logistik](#)

September 13-16, 2016

Number of participants: 70

Leading Organisation: University of Vienna

(Co-) Organisers of our Faculty: Dörner, Karl

Keynote Speakers: Gendreau, Michel (École Polytechnique de Montréal); Kort, Peter (Tilburg University); Savelsbergh, Martin (Georgia Tech); Sethi, Suresh P. (The University of Texas at Dallas)

#### [Joint Seminar with the Hebrew University](#)

September 20-21, 2016

Number of participants: 20

Leading Organisation: University of Vienna

(Co-) Organiser of our Faculty: Gehrig, Thomas

(Co-) Organiser of other institutions: Yahef, Yishay (Hebrew University, Jerusalem)

#### [High-Frequency Trading - Curse or Blessing?](#)

September 22-23, 2016

Number of participants: 100

Leading Organisation: University of Vienna

(Co-) Organisers of our Faculty: Hautsch, Nikolaus & Pflug, Georg

(Co-) Organiser of other institutions: Schachermayer, Walter (University of Vienna - Department Mathematics)

Keynote Speakers: Andersen, Torben G. (Northwestern University); Bouchaud, Jean-Philippe (CFM, Paris); Brogaard, Jonathan (University of Washington); Cont, Rama (Imperial College London & CNRS, Paris); Foucault, Thierry (HEC Paris); Hatheway, Frank (NASDAQ); Hendershott, Terrence (UC Berkeley); Kirilenko, Andrei (Imperial College London); Kyle, Pete (University of Maryland); Menkveld, Albert (VU Amsterdam); Podolskij, Mark (Aarhus University); Protter, Philip (Columbia University); Rogers, Chris (University of Cambridge); Rosenbaum, Mathieu (University Paris 6)

#### [84th meeting of the European Working Group on Multicriteria Decision Aiding](#)

September 22-24, 2016

Number of participants: 50

Leading Organisation: University of Vienna

(Co-) Organiser of our Faculty: Vetschera, Rudolf

(Co-) Organiser of other institutions: EURO Working Group Multicriteria Decision Aiding

Keynote Speaker: Maccheroni, Fabio Angelo (Bocconi University, Milano)

#### [6. Nachwuchswissenschaftlerworkshop in Banken und Finanzmärkten](#)

October 20-21, 2016

Number of participants: 30

Leading Organisation: University of Vienna

(Co-) Organiser of our Faculty: Gehrig, Thomas

(Co-) Organisers of other institutions: Welzel, Peter (University of Augsburg), Pausch, Thilo (Deutsche Bundesbank)

Keynote Speaker: Winton, Andy

#### [Regulation as a Source of Systemic Risk](#)

November 11-12, 2016

Number of participants: 30

Leading Organisation: Österreichische Forschungsgemeinschaft (ÖFG)

(Co-) Organiser of our Faculty: Gehrig, Thomas

(Co-) Organiser of other institutions: Bank, Matthias (University of Innsbruck)  
Keynote Speakers: Liebig, Thilo (Deutsche Bundesbank), Gehrke, Wolfgang (Finanzzentrum München)

## Seminar Series

Our seminar series are platforms to discuss recent and ongoing research. The exchange of ideas takes place in a more or less informal atmosphere, depending on the format of the seminar. A brown-bag seminar is often more informal and ideal to discuss new ideas and work in progress while senior researchers tend to present polished papers in a departmental seminar. Our seminar series are organised and funded by our departments and centers. The Faculty also operates a number of PhD seminar series which primarily serve to discuss the ongoing work of our PhD students. We do not list these presentations for the sake of brevity.

## Rechnungswesen, Steuern und Wirtschaftsprüfung

[Integrated Reporting: Ein tragfähiges Zukunftsmodell für die kapitalmarktorientierte Berichterstattung von Unternehmen?](#)

Weißberger, Barbara  
(Heinrich-Heine-Universität Düsseldorf)  
January 7, 2016

[Wie interessant ist die deutsche Thesaurierungsbegünstigung für österreichische Unternehmen?](#)

Heinhold, Michael (Universität Augsburg)  
January 21, 2016

## Vienna Joint Economic Seminar

[Fiscal multipliers in a nonlinear world](#)

Trabandt, Mathias (Freie Universität Berlin)  
October 6, 2016

[Can gender quotas empower women? Evidence from a regression discontinuity design](#)

Bagues, Manuel (Aalto University)  
October 6, 2016

[Does austerity pay off?](#)

Born, Benjamin  
(Rheinische Friedrich-Wilhelms-Universität Bonn)  
October 13, 2016

[Optimal team composition and the Apollo Syndrome](#)

Schweitzer, Paul (Alpen-Adria-Universität Klagenfurt)  
October 13, 2016

[Why did he do that? Isolating the relative importance of different conditional motivations for second-mover behavior in two-player two-stage games](#)

Kerschbamer, Rudolf  
(Leopold-Franzens-Universität Innsbruck)  
November 3, 2016

[Why Might the Old Want to Honor Sovereign Debt?](#)

Gonzales Eiras, Martin (University of Copenhagen)  
November 17, 2016

[Adoption of a new payment method: Theory and experimental evidence](#)

Duffy, John (University of California, Irvine)  
November 17, 2016

[Bounded Cognition and Population Choices](#)

Manzini, Paola (University of St. Andrews)  
December 1, 2016

[De gustibus est disputandum - How Society Shapes Preferences](#)

Fehr, Ernst (Universität Zürich)  
December 1, 2016

## ISOR Colloquium

[Quantile spectral analysis](#)

Dette, Holger (Ruhr-Universität Bochum)  
January 11, 2016

[Integral Sensitivity in Linear Programming \(joint work with Greg Buzzard and Richard Wendell\)](#)

Borgonovo, Emanuele  
(Università Commerciale Luigi Bocconi)  
January 18, 2016

[Analysis of the mutation rate in whole-genome cancer data to find cancer causing mutations](#)

Bertl, Johanna (Aarhus University)  
March 7, 2016

[On Asymptotic Exponential Arbitrage](#)

Neufeld, Ariel  
(Eidgenössische Technische Hochschule Zürich)  
April 18, 2016

[Asymptotic Theory and Bootstrap Inference for weak VARs and weak Proxy SVARs \(joint work with Ralf Brüggemann, Kurt G. Lunsford and Carsten Trenkler\)](#)

Jentsch, Carsten (Universität Mannheim)  
April 25, 2016

Affine processes and non-linear differential equations  
(joint work with Georg Grafendorfer and Christa Cuchiero)  
Teichmann, Josef  
(Eidgenössische Technische Hochschule Zürich)  
May 9, 2016

Robustness in stochastic programs with decision  
dependent randomness  
Kopa, Milos (Charles University Prague)  
May 23, 2016

Limit theory for functionals of linear processes at the  
boundary of non-stationarity (joint work with I. Kasparis)  
Duffy, James (University of Oxford)  
May 30, 2016

Inference on Directionally Differentiable Functions  
Santos, Andres (University of California, San Diego)  
June 6, 2016

Ambiguous Joint Chance Constraints under Mean and  
Dispersion Information  
Kuhn, Daniel (École polytechnique fédérale de Lausanne)  
June 13, 2016

On systemic risk and Conditional Value at Risk (CoVaR)  
Jaworski, Piotr (University of Warsaw)  
June 20, 2016

Classification of Nonparametric Regression Functions in  
Longitudinal Data Models  
Vogt, Michael  
(Rheinische Friedrich-Wilhelms-Universität Bonn)  
October 3, 2016

How to include forecast errors in inventory control: why  
existing methods are flawed  
Teunter, Ruud (University of Groningen)  
October 10, 2016

Hypercube Fits to the Multivariate Linear Model  
Beran, Rudy (University of California, Davis)  
October 17, 2016

Optimal hedging with the cointegrated vector  
autoregressive model allowing for heteroscedastic errors  
Johansen, Søren (University of Copenhagen)  
October 24, 2016

Multistage Stochastic Programming: A Modeling and  
Algorithmic Perspective  
Pagnoncelli, Bernardo (Universidad Adolfo Ibáñez)  
October 31, 2016

The Traveling Salesman Problem on Grids with  
Forbidden Neighborhoods  
Hungerländer, Philipp (Alpen-Adria-Universität Klagenfurt)

November 7, 2016

A fresh view on  $\ell_1$ -sum optimization and the Discrete  
Ordered Median Problem: A general framework  
Puerto, Justo (Universidad de Sevilla)  
November 21, 2016

New Results on Optimization in Shape Manifolds  
Schulz, Volker (Universität Trier)  
November 28, 2016

Continuation in Optimization: From interior point  
methods to Big Data  
Gondzio, Jacek (University of Edinburgh)  
December 5, 2016

On the convergence of gradient-like flows with noisy  
gradient input (joint work with M. Staudigl)  
Mertikopoulos, Panayotis  
(CNRS, Laboratoire d'Informatique de Grenoble)  
December 12, 2016

## Finance Research Seminar (VGSF)

"Capital Regulation, Shadow Lending and Competition"  
Schliephake, Eva  
(Rheinische Friedrich-Wilhelms-Universität Bonn)  
January 20, 2016

Rent-Seeking in Elite Networks  
Haselmann, Rainer  
(Johann Wolfgang Goethe-Universität Frankfurt am Main)  
April 14, 2016

Corporate Leverage and Employees' Rights in Bankruptcy  
Pagano, Marco (Università degli Studi Napoli)  
April 21-23, 2016

The causal relationship between bank capital and loan  
supply  
Dursun, Özlem (Aarhus University)  
April 26, 2016

Gains from trade and prices in an electronic call auction  
with insider trading - An experimental analysis  
Levinsky, Rene (Charles University Prague)  
May 4, 2016

"On interbank borrowing and lending between  
financially constrained banks"  
Dietrich, Diemo (Newcastle University)  
May 11, 2016

Do High Frequency Traders Need to be Regulated? Evidence  
from Trading on Macroeconomic Announcements  
Chordia, Tarun (Emory University)

May 20, 2016

[Lender Moral Hazard and Reputation in Originate-to-Distribute Markets](#)

Winton, Andrew (University of Minnesota)  
October 20-25, 2016

### VCEE Seminar Series

[On the Impact of Quotas and Decision Rules in Ultimatum Collective Bargaining](#)

Grimm, Veronika (Friedrich-Alexander-Universität Erlangen-Nürnberg)  
January 22, 2016

[Resource Inequality in Competition Between Teams](#)

Ramalingam, Abhijit (University of East Anglia)  
January 22, 2016

[Social Contagion of Ethnic Hostility](#)

Bauer, Michael (CERGE-EI)  
March 18, 2016

[Correlation Neglect in Belief Formation](#)

Zimmermann, Florian (Universität Zürich)  
March 18, 2016

[Who never tells a lie?](#)

Vanberg, Christopf  
(Ruprecht-Karls-Universität Heidelberg)  
April 15, 2016

[How do social norms affect corporate behavior? An experiment regarding the choice of honesty](#)

Wagner, Alexander F. (Universität Zürich)  
April 15, 2016

[Online Ad Auctions: An Experiment](#)

Friedman, Daniel (University of California, Santa Cruz)  
May 27, 2016

["Naming and shaming" of individuals and groups in a public goods experiment](#)

Dannenberg, Astrid (Universität Kassel)  
May 27, 2016

[Dishonesty from the Lab to the Field](#)

Piovesan, Marco (University of Copenhagen)  
June 17, 2016

[A Simultaneous Analysis of Turnout and Voting under Proportional Representation: Theory and Experiments](#)

Schram, Arthur (University of Amsterdam)  
June 17, 2016

[Identity and Political Polarization: On the Instrumental Impact of Partisan Identity](#)

Duell, Dominik (University of Essex)  
October 7, 2016

[Eliciting temptation and self-control through menu choices: a lab experiment](#)

Toussaert, Séverine (New York University)  
October 7, 2016

[The Effect of Wealth on Subjective Health, Life Satisfaction and Political Attitudes](#)

Österling, Robert (Stockholm University)  
November 11, 2016

[I Lie? We Lie! Why? Experimental Evidence on a Dishonesty Shift in Groups](#)

Schudy, Simeon (Ludwig-Maximilians-Universität München)  
November 11, 2016

[Indirect Reciprocity and Prosocial Behaviour: Evidence from a Natural Field Experiment](#)

Mujcic, Redzo (Wirtschaftsuniversität Wien)  
December 16, 2016

["Loss Aversion and lying behavior: Theory, estimation and empirical evidence"](#)

Villeval, Marie Claire (GATE Lyon St-Etienne)  
December 16, 2016

### Joint Research Seminar

#### (International Marketing and Marketing)

#### Public Lectures: Internationales Management in der Unternehmenspraxis

[Pay What You Want](#)

Spann, Martin  
(Ludwig-Maximilians-Universität München)  
March 15, 2016

[The Measurement of Cross Category and Brand Extension Effects](#)

Hildebrandt, Lutz (Humboldt-Universität zu Berlin)  
April 21, 2016

[Pricing Strategies with Generations Gap Approach](#)

Nazari, Mohsen (University of Tehran)  
October 6, 2016

[Consumer Perceptions of Product Innovativeness](#)

Alpert, Frank (University of Queensland, Brisbane)  
October 18, 2016

[Cultural Distance and Cross-Border Acquisition: A Consumer Perspective](#)

Lanzilli, Giulia (University of Sannio, Italy)  
November 23, 2016

#### [The Importance of Country-of-Origin Image \(COI\) as a Resource to the Brand Strategy of Enterprises in the Internationalization Process](#)

Bassi Sutter, Mariana (University of York, UK)  
December 1, 2016

### Other Seminars

#### [Vehicle routing on road networks](#)

Feillet, Dominique  
(Ecole Nationale Supérieure des Mines de Saint-Etienne)  
January 13, 2016

#### [Train timetabling and scheduling under uncertainty](#)

Attila, Kovacs (University of Southampton)  
May 13, 2016

#### [Metaheuristics for Industrial Applications --- Scheduling Problems and VRPCD](#)

Wisittipanich, Warisa (Chiang Mai University)  
June 28, 2016

#### [Stochastic Network Design](#)

Wallace, Stein (Norwegian School of Economics)  
October 12, 2016

### Awards

#### [SOLA Dissertation Award 2016](#)

Sinnl, Markus (Statistics and Operations Research,  
Forschungsgruppe Data Mining)  
Institute for Operations Research and the Management  
Sciences  
November 13, 2016

#### [ÖGOR Dissertation Award 2016](#)

Sinnl, Markus (Statistics and Operations Research,  
Forschungsgruppe Data Mining)  
Österreichische Gesellschaft für Operations Research (ÖGOR)  
November 25, 2016

#### [Förderpreis für Dissertationen aus dem Gebiet der theoretischen Statistik](#)

Steinberger, Lukas (Statistics and Operations Research)  
Österreichische Statistische Gesellschaft  
September 15, 2016

#### [Preis der Deutschen Marktforschung 2016](#)

Manzinger, Sandra (Business Administration)  
Berufsverband Deutscher Markt- und Sozialforscher  
April 27, 2016

#### [Retail-Award der Kellerhals-Stiftung](#)

Manzinger, Sandra (Business Administration)  
Kellerhals-Stiftung  
November 18, 2016

#### [Schmölders Prize of the field committee "Social Sciences"](#)

Müller, Wieland (Economics, VCEE)  
Verein für Sozialpolitik - Sozialwissenschaftlicher Ausschuss  
April 22, 2016

### Fellowships

#### [Marietta Blau Stipendium](#)

Chudy, Marek (Statistics)  
Österreichischer Austauschdienst (ÖAD)  
from July 1 – December 31, 2016

#### [Senior Extramural Fellow of the Center for Economic Research \(CentER\)](#)

Hartl, Richard (Business Administration)  
CentER (internationally acclaimed research institute at  
the Tilburg School of Economics and Management)  
since August 24, 2007

#### [Stipendium zur Unterstützung von analytischen Kräften im öffentlichen Dienst](#)

Chudy, Marek (Statistics)  
Ministerstvo školstva vedy výskumu a športu SR  
from July 1 – December 31, 2016

#### [Stipendium der Österreichischen Forschungsgemeinschaft 2016](#)

Pauser, Sandra (Business Administration)  
Österreichische Forschungsgemeinschaft (ÖFG)  
since January 1, 2016

#### [Stipendium - Small Grants Program 2016](#)

Pauser, Sandra (Business Administration)  
University of Vienna  
since January 1, 2016

#### [Stipendium prae doc Forschungsservice- und Nachwuchsförderung 2016](#)

Pauser, Sandra (Business Administration)  
University of Vienna  
since January 1, 2016

#### [Wealth and Vulnerability in the Climate Change Game: An Experimental Study on Burden Sharing among Heterogeneous Agents](#)

Reindl, Ilona (Economic Sociology)  
Hochschuljubiläumsstiftung der Stadt Wien  
from February 1, 2016 – January 1, 2017

# Rankings

Rankings abound and receive increasing attention. The criteria used across rankings vary widely and the outcomes are sometimes rather sensitive to the selection and weighting of journals, the range of years, etc. Care is therefore advised in interpreting these rankings. Below we provide rankings of institutions and individuals by recent research output. These rankings are mainly based on the number of quality-adjusted publications in scientific journals. Such rankings have only recently become available in some of the disciplines at our Faculty and are a fairly new addition to evaluating research institutions in the German-speaking area in general. Such rankings are often consulted by internationally mobile faculty and students, which means we should also be aware of these rankings – even if we are critical about them. In any case, we think such rankings need to be interpreted with circumspection.

## Publication-Based Rankings

With all due caveats in mind, we are happy to note that our Faculty performs very well according to a broad range of rankings. It is fair to say that we are among the top ten in all fields represented at our Faculty, and that we are among the very best in several disciplines.

### Business

According to an institutional ranking compiled by the ETH Zurich and commissioned by the Handelsblatt, which was updated lastly in 2014, our Faculty scores an excellent rank 6 among universities in the German-speaking area when considering publications in very

good journals (A+ & A, see table 2). When considering all journal publications (see column Points 2014), we score rank 5, and when considering all journal publications per professor (see column "Points per Professor"), we score rank 4. Moreover, we are proud of showing the excellent performance of individual professors in the German-speaking area. For example, 10 of our professors rank among the top 100 in business and management in the German-speaking countries and 15 rank among the top 250. This corresponds to the top 5 % (resp. 12.5 %) of all German-speaking business professors. According to the Handelsblatt ranking 2014, four professors are among the top 10 in the general ranking of lifetime achievement according to the criterion points 2014: Adamantios Diamantopoulos, Richard Hartl, Rudolf Vetschera, and Franz Wirl, who leads the ranking (see table 3).

### Statistics, Econometrics and OR

According to the QS World University Rankings 2016, our Faculty has rank 2 among the universities in the German-speaking area for Statistics and Operational Research (ex ae-quo with HU Berlin, TU Berlin, and LMU Munich). According to same ranking, we rank 51-100 worldwide, where only 10 European universities and just 3 universities from continental Europe obtain ranks better than 50.

Our excellent performance in statistics is also indicated by a ranking published in the journal *Econometric Theory* (Baltagi 2007), where our Faculty is number two in the German-speaking area measured by publications in the very top journals in Econometrics (1989–2005).

**Institutional Ranking Business (sorted by publication in all journals) – table 2**

Rank	University	Points A+ & A	Points 2014	# of professors	Points per professor	Professor with highest research output	his/her share
1	University of Zurich	56.8	117	35	2.7	Felix Kübler	6 %
2	University of St. Gallen	47.4	157	51	2.3	Martin Eling	6 %
3	Technical University of Munich	36.7	99	25	3.3	Stefan Minner	10 %
4	Goethe University Frankfurt	33.8	87	27	2.4	Bernd Skiera	13 %
5	University of Cologne	32.0	83	23	2.7	Dirk Sliwka	7 %
6	University of Vienna	29.2	94	17	4	Franz Wirl	10 %
7	Vienna University of Economics and Business	28.8	98	42	1.7	Jan Mendling	7 %
8	ETH Zurich	27.5	88	12	4.5	Florian von Wangenheim	7 %
9	Frankfurt School of Finance and Management	24.4	82	38	1.9	Afschin Gandjour	12 %
10	University of Hamburg	23.3	90	35	1.9	Stefan Voß	8 %

(Handelsblatt 2014)

### Individual Ranking "Business" by all points for lifetime achievement — table 3

Rank	Name	University	Points 2014	Field
1	Franz Wirl	University of Vienna	33.8	Environmental, Resource & Innovation Economics
2	Christian Homburg	University of Mannheim	25.7	Marketing
3	Martin Weber	University of Mannheim	22.95	Banking Management & Financing
4	Adamantios Diamantopoulos	University of Vienna	19.2	Marketing
5	Jean-Charles Rochet	University of Zurich	19.19	Insurance Industry, Banking & Finance
6	Richard F. Hartl	University of Vienna	16.25	Production Economics, Logistics
7	Michael Frese	University of Lüneburg	16.12	Entrepreneurship
8	Rudolf Vetschera	University of Vienna	15.8	Organization
9	Bernd Skiera	Goethe University Frankfurt	14.67	Electronic Commerce
10	Matthias Kräkel	University of Bonn	14.51	Human Resources & Organization

(Handelsblatt 2014)

### Economics and Related Fields

We report three rankings below. Table 4 shows the institutional ranking of the Handelsblatt 2015 for the German-speaking area (last available update of this ranking). When ranking universities by publications in very good journals (A+ & A), we score a highly respectable rank 9 and rank 8 when adjusting for size (i.e. by points per

professor). When considering all journals (column "Points 2015"), we rank worse overall (rank 13), and rank 9 when adjusted for size. This difference in rankings reflects the Faculty's tendency to publish in high-quality journals. Overall, 5 professors belong to the top-125 researchers in economics, which represents about 10 % of all professors in economics in the German-speaking area.

### Institutional Ranking "Economics" (sorted by publication in A+ & A journals) — table 4

Rank	University	Points A+ & A	Points 2015	# of professors	Points per professor	Professor with highest research output	his/her share
1	University of Zurich	52.77	74	17	3.27	Ernst Fehr	15 %
2	University of Bonn	49.85	77	27	2.45	Armin Falk	10 %
3	University of Mannheim	44.52	69	27	2.15	Klaus Adam	9 %
4	University of Cologne	37.61	71	23	2.73	Matthias Sutter	15 %
5	Ludwig Maximilian University of Munich	36.34	80	29	2.51	Kai A. Konrad	9 %
6	Humboldt University of Berlin	29.88	59	14	3.49	Marcel Fratzscher	14 %
7	Goethe University Frankfurt	27.58	53	18	2.54	Roman Inderst	27 %
8	University of Lausanne	24.23	40	15	2.08	Rafael Lalive	10 %
9	University of Vienna	22.43	38	13	2.34	Jean-Robert Tyran	13 %
10	ETH Zurich	20.8	67	11	3.57	Peter Egger	22 %

(Handelsblatt 2015)

Table 5 shows that we score an excellent rank 4 in the German-speaking area. This ranking is based on Europe-wide data provided by IDEAS at the Research Division of the Federal Reserve Bank of St. Louis using RePEc data, as of January 2017. We use this data to rank the research output at Universities in the German-speaking area. IDEAS draws on 25,476 registered authors to rank a

total of 3,404 institutions (the ranking also lists national banks, think tanks, etc., as of January 2017). The first 5 ranks in the all-European ranking go to London School of Economics (LSE), Oxford University, Paris School of Economics, Toulouse School of Economics (TSE), and the European Central Bank.

#### Institutional Ranking "Economics" in GER/CH/AT — table 5

Rank GER/CH/AT	Rank in Europe	University
1	10	University of Zurich
2	45	LMU Munich
3	59	Goethe University Frankfurt
4	64	University of Vienna
5	67	University of Bonn
6	68	University of Mannheim
7	72	ETH Zurich
8	74	University of St. Gallen
9	79	WU Vienna
10	83	University of Konstanz

(RePEc, <https://ideas.repec.org/top/top.europe.html>)

Table 6 shows that our Faculty, in particular the Vienna Center for Experimental Economics (VCEE) ranks favorably in the IDEAS ranking (same source as table 5). In the category Experimental Economics, our Faculty ranks in

the top 2 % worldwide (is placed on rank 29 out of 1,769 institutions). This translates into rank 4 in Germany, Austria and Switzerland.

#### Institutional Ranking "Experimental Economics" in GER/CH/AT — table 6

Rank GER/CH/AT	Rank worldwide	Institution
1	4	University of Zurich, Switzerland
2	18	University of Constance, Germany
3	22	LMU Munich, Germany
4	29	University of Vienna, Austria
5	33	University of Cologne, Germany
6	44	University of Heidelberg, Germany
7	45	University of Innsbruck, Austria
8	48	University of Lausanne, Switzerland
9	56	WZB Berlin, Germany
10	62	University of Bonn, Germany

(RePEc, <https://ideas.repec.org/top/top.europe.html>)

## Citation-Based Ranking

Table 7 provides a citation analysis for our tenured faculty ( $n = 47$ )<sup>3</sup> based on Thompson Reuters Web of Science (WoS). This database was used in the research report of 2015 (and therefore eases comparisons) and is also used by the quality assurance of the university. Such an analysis provides an indication of research impact (on the research community) and it therefore complements the measurement of research output in terms of publications. While we think the broad picture emerging from the citation analysis below is interesting, we would like to caution the reader that citation statistics can be presented in many ways, and the results can vary substantially, depending on the data source and on how citations are counted. Therefore, before discussing the results of the analysis, the following general comments should be made:

1. There is to our best knowledge no citation database which covers all relevant journals in the field of business, economics and statistics. This is true for Web of Science (WoS), but also for its competitor Scopus (released by Elsevier). One main advantage of using WoS is that the data extraction can be delegated to the university's office for evaluation while (currently) such a service is not be offered for Scopus. No matter which database is used, such a citation analysis will therefore never be completely free of possible selection biases and measurement errors.
2. Depending on the choice of the underlying database, the coverage of journals in specific fields in business, economics and statistics, and particularly in fields which are on the interface to other disciplines, might be different. Therefore, the citation impact of some researchers might be better represented when using one database rather than another.
3. Comparing citation scores across the broad spectrum of disciplines represented at our Faculty is tricky as citation patterns differ widely across fields. In some fields, the norm is to cite many papers per publication and papers published in such a field tend to get many citations in turn. In other disciplines, people cite more sparsely. This could be handled by using citation indexes which take the specific (average) citation pattern within a given field specifically into account. To limit the burden we, however, refrain from conducting such an analysis here and only focus on raw citation numbers. Any comparison across disciplines, though, should be done with care.
4. Care is also advised when comparing citation counts across individuals in a given field because citations accumulate first slowly and then more quickly over the professional life of an academic. More senior researchers therefore naturally have higher citation counts than more

junior researchers.

5. Databases as WoS or Scopus account only for citations of published work in published work. Accordingly, citations of working papers or preprints are not taken into account.

6. As any metric for research output, also citation-based measures, are far from being perfect and at best an indication for research performance. It is impossible to express individual's research performance in terms of a single metric. We therefore refrain from showing complete rankings of individual researchers but restrict ourselves to report the names of the top ten researchers in each category. Accounting for all the pitfalls of such a citation-based analysis mentioned above, this information should be interpreted with great caution. Any conclusions on individual's research performance relative to others, particularly to those who are not among the top ten, might be strongly misleading.

<sup>3</sup>The discussion here does not consider the professors in law Lechner and Weilingner because publications in legal science follow a different logic and patterns.

Citations-based measures of research impact – table 7

Distribution of citations	Total number of citations		Citations normalized by age		Hirsch Index $h$		$h$ -index normalised by age	
	Number of citations	Percentage of Faculty members	Citations normalised by age above 30		$h$ -index	Percentage of Faculty members	$h$ -index normalised by age above 30	
	0-50	17%	0-2	17%	0-2	13%	< 0.2	32%
	51-100	19%	2-5	23%	3-5	30%	0.2-0.3	23%
	101-300	21%	5-10	17%	6-10	30%	0.3-0.4	13%
	301-500	11%	10-20	13%	11-15	15%	0.4-0.6	11%
	501-1000	21%	20-30	15%	16-20	6%	0.6-0.8	17%
	> 1000	11%	> 30	15%	> 20	6%	> 0.8	4%
Ranking of individuals	Diamantopolous, A.		Diamantopolous, A.		Diamantopolous, A.		Dörner, K.	
	Hartl, R.		Hartl, R.		Hartl, R.		Diamantopolous, A.	
	Gutjahr, W.		Dörner, K.		Gutjahr, W.		Tyran, J.-R.	
	Bomze, I.		Gutjahr, W.		Dörner, K.		Hartl, R.	
	Dörner, K.		Bomze, I.		Bomze, I.		Reitzig, M.	
	Pflug, G.		Tyran, J.-R.		Pötscher, B.		Müller, W.	
	Pötscher, B.		Reitzig, M.		Tyran, J.-R.		Bomze, I.	
	Tyran, J.-R.		Janssen, M.		Janssen, M.		Hautsch, N.	
	Janssen, M.		Müller, W.		Müller, W.		Gutjahr, W.	
	Wirl, F.		Pötscher, B.		Sorger, G.		Janssen, M.	

Table 7: The upper panel of the table shows the total number of citations and Hirsch indexes as well as their cross-sectional distributions across the Faculty ( $n = 47$ ) according to **Web of Science** as of March 2017. We also report normalised measures by dividing the number of citations and Hirsch indexes, respectively, by the number of years above age 30. The lower panel of the table gives the names of the Faculty members who rank first according these metrics. In case of Faculty members achieving the same scores, we rank those with lower age higher.

The first column in Table 7 shows the distribution of the total number of citations. For example, approximately 36 % of our Faculty members have accumulated up to 100 citations over their lifetime. Accordingly, approximately 32 % of our Faculty has accumulated more than 500 citations over their lifetimes according to this database. As expected, the distribution is rather skewed because few papers get a lot of attention while most papers get only few cites. The average number of total citations per author was 467, the median was 184. The average Faculty member has published 36 papers, the median number of published papers is 24. Computing the number of citations per paper (per individual), we obtain an average of about 11 citations per paper.

The second column provides a simple adjustment for the fact that citation counts tend to favor more senior researchers. The column shows the total number of citations divided by the academic age of the researcher, proxied by the number of years above age 30 (a typical age at which researchers start publishing). As reflected by the ranking of individuals in the lower panel of the table, younger colleagues like Karl Dörner (born 1970) and Markus Reitzig (born 1972) are ranked more favourably when this correction is applied.

The third column gives the distribution of the Hirsch index  $h$ . A scholar with an index of  $h$  has published  $h$  papers each of which has been cited in other papers at least  $h$  times. Accordingly, the Hirsch index brings together research output. The average  $h$ -index in our Faculty is 8.6; the median is 7. About two thirds of our Faculty have  $h < 10$ , about 13 % have  $h > 15$ . The individuals' ranking based on the Hirsch index is very similar to those based on the total number of citations. Hence, citation quantity is highly correlated with research.

Since older colleagues naturally have a higher  $h$ -index, we moreover normalise by academic age (number of years above 30, see last column). The changes in the individuals' ranking is more severe than in case of the total number of citations. The first rank now goes to Karl Dörner and the below-average age colleagues Tyran, Müller as well as Reitzig and Hautsch (born 1972) get better ranks.

One major disadvantage of the WoS database is that it only covers citations of and in published work. Hence, all citations referring to working papers are not counted. Moreover, conference proceedings or similar type of publications are not taken into account either. To account for this deficiency and to complement the WoS database,

most Faculty members supported the idea to exploit the Google Scholar database as an additional source. The coverage of Google Scholar is naturally much broader since any citation of any work (independent of type and no matter whether published or not) is taken into account. This broader coverage, however, comes at the cost of lacking precision and a higher risk of inadequate allocations of research output to the corresponding authors. In WoS, a unique assignment of work to an

author is ensured by the ORCID number, an identification number which uniquely maps research to researchers without facing the risk of wrong allocations in case of common names. Such an assignment does not exist in Google Scholar, where it can easily happen that the work of authors with common names is wrongly allocated. Even though all Faculty members have been asked to verify their Google Scholar accounts, corresponding errors cannot entirely be ruled out.

Citations-based measures of research impact (Google Scholar) – table 8

	Total number of citations		Citations normalized by age		Hirsch Index <i>h</i>		<i>h</i> -index normalised by age	
	Number of citations	Percentage of Faculty members	Citations normalised by age above 30		<i>h</i> -index	Percentage of Faculty members	<i>h</i> -index normalised by age above 30	
Distribution of citations	0-500	12 %	0-30	21 %	0-10	15 %	0-0.5	23 %
	501-1000	18 %	30-50	21 %	11-15	23 %	0.5-0.8	26 %
	1001-2,000	26 %	50-100	24 %	16-20	18 %	0.8-1.0	18 %
	2,001-3,000	21 %	100-150	12 %	21-25	18 %	1.0-1.2	9 %
	3,001-6,000	15 %	150-200	14 %	26-35	18 %	1.2-1.5	15 %
	> 6,000	9 %	> 200	9 %	> 35	9 %	> 1.5	9 %
Ranking of individuals	Diamantopoulos, A.		Diamantopoulos, A.		Diamantopoulos, A.		Dörner, K.	
	Hartl, R.		Dörner, K.		Dörner, K.		Diamantopoulos, A.	
	Pflug, G.		Hartl, R.		Hartl, R.		Hautsch, N.	
	Dörner, K.		Reitzig, M.		Gutjahr, W.		Reitzig, M.	
	Strauß, C.		Pflug, G.		Pflug, G.		Tyran., J.-R.	
	Gutjahr, W.		Tyran, J.-R.		Wirl, F.		Müller, W.	
	Tyran, J.-R.		Kittel, B.		Sorger, G.		Hartl, R.	
	Kittel, B.		Strauß, C.		Tyran, J.-R.		Kittel, B.	
	Wirl, F.		Hautsch, N.		Hautsch, N.		Sorger, G.	
	Reitzig, M.		Gutjahr, W.		Müller, W.		Pfeiffer, T.	

Table 8: The upper panel of the table shows the total number of **Google Scholar** citations and Hirsch indexes as well as their cross-sectional distributions across those Faculty members who registered in Google Scholar ( $n = 34$ ) as of March 2017. We also report normalised measures by dividing the number of citations and Hirsch indexes by the number of years above age 30. The lower panel of the table gives the names of the Faculty members who rank first according these metrics. In case of Faculty members achieving the same scores, we rank those with lower age higher.

Table 8 reports the same metrics as reported in table 7 but is based on Google Scholar profiles. As not all Faculty members have registered for Google Scholar, the analysis is based on  $n=34$  individual accounts. Not surprisingly, the overall number of citations according to Google Scholar is much higher than in WoS. On average, each Faculty member has around 2,726 citations, where, however, the median is around 1,500. As in table 8, the distribution is strongly skewed. The by far most cited researcher is Adamantios Diamantopolous who has more than 23,000 citations, which is around three times as high as the number of citations of the second most cited researcher. Comparing individual rankings between Google Scholar

and WoS, we observe a relatively high correlation. Researchers who are most cited according to WoS tend to be also most cited in Google Scholar. A few differences, however, are visible. Bernhard Kittel and Christine Strauß are examples of Faculty members, whose citation impact is obviously not sufficiently represented by WoS but are more visible in Google Scholar. Due to the higher coverage of Google Scholar, the reported *h*-index is higher than on the basis of WoS. The average *h*-index across all Faculty members with Google Scholar account is around 21 with a median of 18. Again, the ranking of individuals closely resembles that based on WoS.

# Measures to Promote Research

The Faculty Board has made promotion of research one of its main priorities for the period 2014-2016. The measures described below were first discussed at the Fakultätsklausur on October 3, 2014 and have been elaborated by an ad-hoc committee on research in which all departments were represented. The rectorate has approved of all these measures and provided financial support for its implementation. The Faculty has created a standing research committee that advises the Dean in implementation issues and is in charge of preparing much of the operative decisions (e.g. evaluates applications for use of overhead funds and small grants).

Over the course of the years 2014-2016, the Faculty has made substantial progress in implementing many of these measures. The Faculty board believes that sustained effort is needed for these measures to have an effect. Inducing a culture change cannot happen overnight. The payment of publication premia expresses the Faculty's appreciation for top research and it also provides incentives to publish one's research in highly respected journals. However, an increase in output in such journals can reasonably only be expected after several years of continuing the programme because good research takes time.

## What We Want to Achieve

1. Foster a culture of appreciation for good research within the Faculty and improve visibility of our research to the outside world.
2. Provide incentives to publish well.
3. Foster external funding.
4. Promote juniors.

## #1 Redesign of Webpages

The process of redesigning our Faculty webpages has been continued through 2016. End of 2016, we relaunched the Faculty webpages in modern design that is adapted to users of mobile devices like smartphones. It provides a unified public representation of our research and contributes to an improved corporate identity. The webpages provide information on past achievements, current research projects, on our expertise and experts, on how to get funding, etc. In this context, we improved our planned internal information recording system. Information on various types of scientific activities are now collected in standardised form using u:cris and internal entry masks on the website. Corresponding guidelines have been developed and implemented. Our hope is that the transmission, collection, evaluation and reporting of output can be done in a more structured and efficient way, ultimately saving manpower. With these measures, we hope that the webpage as a central medium for internal and external communication can be

maintained in a timely and efficient way.

## #2 Up and Coming

We showcase our most successful juniors in a format called "Up and Coming". We provide a short bio, field of expertise, links to selected publications etc. on our webpage and annual report. The criteria for who is portrayed in this section are based on publication success in what we consider top journals (see #3). In 2016, 6 juniors have qualified for the status.

## #3 Faculty Journal List (FJL)

The purpose of the FJL is to define a graded set of "top" journals for the core fields at our Faculty. The FJL has been updated by end of 2016 and currently contains a total of 478 journals, of which 177 journals are in Category 1, and 301 are in Category 2. The FJL is used as a general reference for various measures and policies taken by the Faculty Board. In particular, it is used to structure the representation of research output in the annual research report of the Faculty and on our webpages. It is also used in determining the payouts for our publications premia programme (see Appendix for details).

## #4 Promoting Research Through Overhead Funds

Overhead funds obtained through external funding are partly used to reward those who acquired these funds. We have formulated guidelines for the use of overhead funds (see Faculty webpages). The funds are used to kickstart further research or to fund research-related expenditures which are difficult (or impossible) to fund through external funds directly. Unfortunately, the incentives to generate such funding are fickle (the FWF has changed its policy with respect to overheads several times) which mitigates incentives to acquire such funding.

## #5 Publication Premia Programme

We reward publications of Categories 1 and 2 according to the Faculty Journal List (FJL). The purpose of this programme is to provide researchers at our Faculty with incentives to publish in excellent journals in the key fields of research, i.e., in business, economics and statistics and related fields, including finance, applied mathematics, political science, psychology, and economic sociology. We have rewarded 15 publications in Category 1 and 34 in Category 2 that have appeared in 2016 (publications with multiple internal authors are counted once). In addition, we have rewarded publications by juniors that have appeared in 2017 (but are not in print yet) immediately.

For publications published (in print) in 2016 and papers of juniors which got accepted during the year (i.e. will be in print at the earliest in 2017), we paid out about € 45,000, where about € 13,000 have been paid out to non-tenured Faculty members.

#### #6 Small Grants Programme

Overhead funds acquired through external funding are partly used for a "small grants programme". The purpose of this programme is to provide funding to initiate new research and to support ongoing research. While any Faculty member is welcome to apply for a small grant, we are particularly encouraging our junior faculty (i.e. post-doc, non-tenured faculty) to apply. Any activity fostering excellent research at our Faculty is eligible for support. We can, however, only offer small grants (max. € 2,000 large requests are less likely to be approved).

The application procedure is fast and simple: applicants send an e-mail to the Dean's Office with a letter explaining why they think the Faculty's money is well spent on their research project. Requests need to be justified in reasonable detail. Applicants are invited to document their efforts to obtain co-funding. In any case, applicants need to make sure to provide a detailed description of costs. We paid out about € 9,000 in 2016 (funding went exclusively to junior faculty) and we plan to continue the operation at a similar scale in the future.

#### #7 Scientific Advisory Board (SAB)

In compliance with university regulations, we now plan to meet the members of our SAB once a year. In addition to asking the SAB for advice and guidance in matters of strategy and development, we ask them to participate in our Science Day (measure #8) and to take an active part in determining the winners of our Young Investigator Award (#9). In an elaborated process involving proposals from all tenured faculty members, the research committee has been able to make a proposal whom to appoint to the SAB.

This proposal has been submitted to the Fakultätskonferenz in March 2016 and we expect the board to start operations in the course of 2017.

#### #8 Science Day

The Science Day is a new event to celebrate research at our Faculty in its entire breadth. It is an event that crosses departmental boundaries, that serves to promote our junior faculty, and to renew our efforts in acquiring external funding. The Science Day also serves to devise

the development plan for the coming year(s). A sketch of the programme is as follows: in addition to holding meetings on strategy and development, one SAB member will give a lecture for the general public. We hold a public hearing of applicants for the Young Investigator Award (see #9) and SAB members will pick the awardees. The Dean will present the research report for the previous year and plans for the next year(s), and there may be some complementary scientific programme. For example, one professor from our Faculty may deliver a lecture of general interest or we may organise a panel discussion. The exact schedule is to be determined by the research committee in collaboration with the SAB. The first Science Day was planned for May 4-5, 2017, but had to be postponed because of the internal evaluation of the Faculty in 2017. The first Science Day is therefore planned for May 3-4, 2018.

#### #9 Young Investigator Award

The "Young Investigator Award" (YIA) rewards outstanding research proposals made by junior faculty. The award serves multiple purposes. First, it provides incentives to junior faculty to develop their own research agenda. It is therefore an instrument for promoting research in general. Second, the award fosters independence of junior researchers. Awardees obtain a personal grant which they can use at their discretion for purposes of research. Awardees also obtain a distinction which might be helpful in the job market. Third, the YIA is supposed to increase external funding. Applicants submit a research proposal in a format and style required by leading funding agencies like FWF, OeNB, and EU.

The proposals are then submitted to the members of the Scientific Advisory Board (SAB) for review. Applicants are invited to present their proposal at the Science Day (see #8). The maximum number of YIA to be handed out is determined by the Faculty Board based on the number of applications and the budgetary situation. Candidates with suitable submissions are strongly encouraged by the Faculty Board to submit their proposal to funding agencies.

*Part 3*

# TEACHING AND LEARNING

**ALWAYS**

**UP-TO-DATE**



Student Key Figures  
Degree Programmes  
Extension Curricula  
Student Awards  
Teaching Award  
Student Fairs  
Teaching Mobility  
Student Mobility and Partner Universities



## Student Key Figures

**1,600**

Students in the master's programmes

**200**

Students in our graduate schools and doctoral programmes



**3,200**

Students in the bachelor's programmes

**1,000**

Intake of students from other subjects

**282**

Studies completed



**43 %**  
women

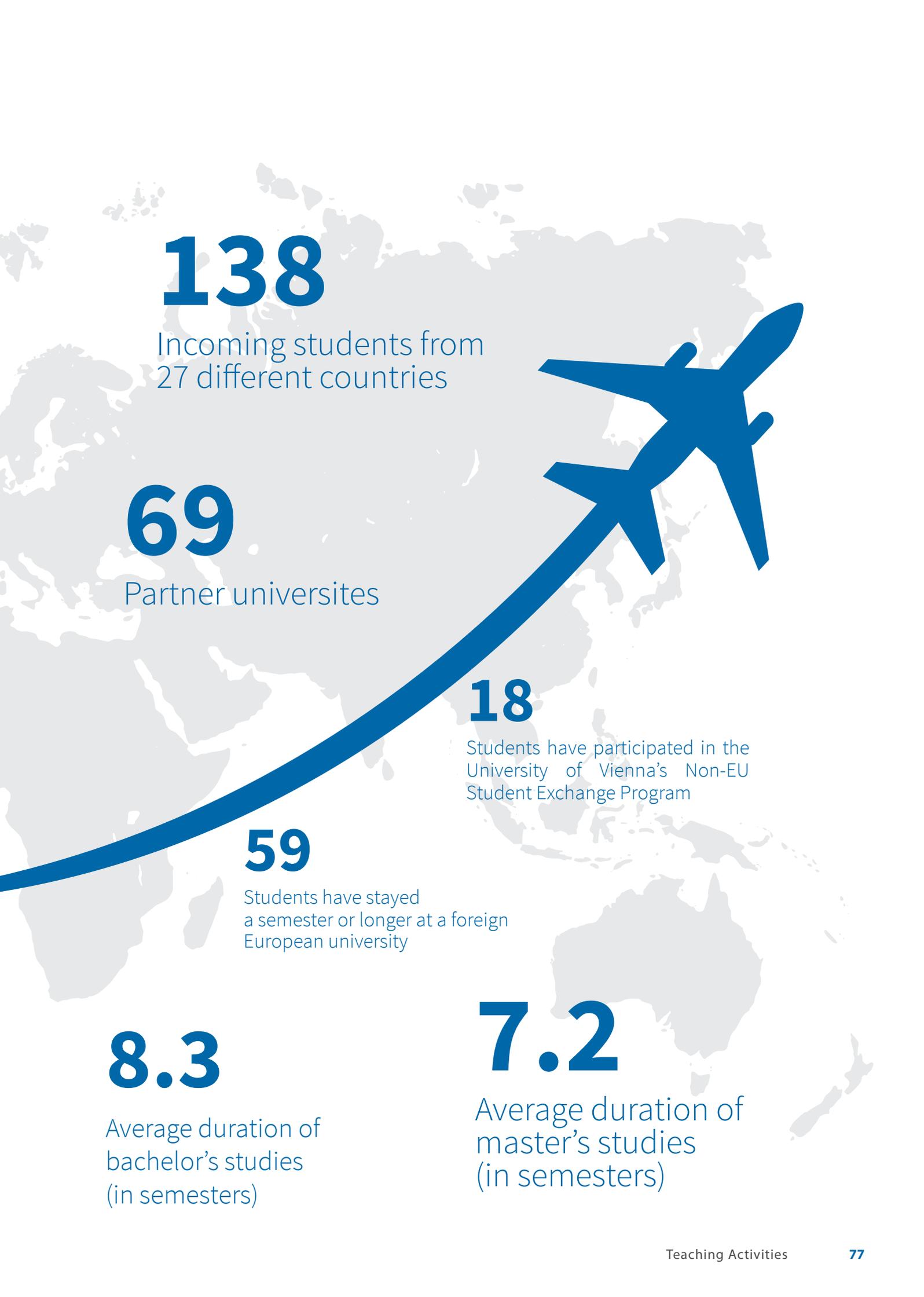


**57 %**  
men

**1,461**

New students 2015/16





**138**

Incoming students from  
27 different countries

**69**

Partner universities

**18**

Students have participated in the  
University of Vienna's Non-EU  
Student Exchange Program

**59**

Students have stayed  
a semester or longer at a foreign  
European university

**8.3**

Average duration of  
bachelor's studies  
(in semesters)

**7.2**

Average duration of  
master's studies  
(in semesters)

# Degree Programmes

Our Faculty currently teaches about 5,000 students who major in one of our programmes. About 3,200 students are enrolled in the bachelor's programmes and about 1,600 in the master's programmes. In addition, about 200 students are enrolled in our graduate schools

and doctoral programmes. Table 9 below shows total enrolment by programme. About 1,000 students who major in other fields of studies at the University of Vienna attend our extension curricula.

Degree Programmes — table 9

Degree	Name of Programme	Registered Students
Bachelor (BSc)	Business Administration	1,170
	International Business Administration	1,160
	Economics	533
	Statistics	391
Master (MSc)	Business Administration	745
	Business	556
	Economics	154
	Quantitative Economics, Management and Finance (until November 2017)	64
	Banking and Finance (from Winter term 2017)	-
Magister (Mag)	Statistics	65
Doctoral programme (PhD)	Management	70
	Logistics and Operations Management	22
	Economics	44
	Statistics and Operations Research	16
	Finance	8
Doctoral programme (Dr.)	Business and Law	30
<b>Total</b>		<b>5028</b>

(Reporting System 2016)

## Bachelor (BSc)

Our Faculty offers bachelor's programmes in Business Administration, International Business Administration, Economics, and Statistics. All bachelor's programmes except Statistics have a ceiling for the maximum number of students that may be admitted by law. Applicants to these programmes must undergo online registration, complete an online self-assessment test and participate in an entrance exam if the ceiling is reached. Those who have been admitted start with the introductory and orientation period (STEOP) which serves to introduce students to the basics of each field to make the students aware of what the bachelor's programme has to offer and what is demanded from them. Bachelor's students of all programmes attend almost identical introductory courses during the STEOP and they specialise in their respective fields afterwards. Bachelor's students need to earn 180 ECTS and write a bachelor's thesis to successfully

complete their studies. The minimum duration is 6 semesters. In general, classes are taught in German but selected courses are taught in English.

### Business Administration and International Business Administration

The bachelor's programmes in Business Administration and International Business Administration are our most popular programmes with about 2,300 students in total. They provide a basic education in management using an analytical and application-oriented approach to solving management problems. Students can choose from a large number of specialisations and elective modules and are thus free to design their study profiles to a considerable extent. Business English is compulsory for all students. Students also take business communication courses in which they do not just familiarise themselves with a language but they also learn its business-specific

application and acquire negotiation skills. The Faculty offers classes in business communication in French, Italian, Spanish, Russian, and Portuguese. Other languages may be taken from other departments of the university (e.g., Chinese, Japanese, Norwegian).

### Economics

In Economics, the bachelor's programme addresses a broad range of economic issues from unemployment and the global economy, game theoretical analyses of conflict and cooperation, the role of the government in the modern economy to fiscal and monetary policy. Students are taught problem-solving skills based on solid knowledge of methods, theories and quantitative procedures of economics. They also receive a thorough training in the econometric methods of empirical economic research, including hands-on courses with applications to data. The bachelor's programme in Economics aims at supporting and developing the students' skills in solving economic problems and in answering economic questions based on relevant theory.

### Statistics

The bachelor's programme in Statistics has become increasingly popular since its reorganisation in 2014. Each year 100 to 150 students are enrolled. Since the programme is broad and multifaceted regarding its contents, numerous graduates continue in a different field of study afterwards. Statistics graduates can be found in all sectors and industries, ranging from risk managers in banks to biostatisticians in the life sciences; statistics is regarded a high tech science.

## Master (MSc) and Magister (Mag.)

Admission to our master's programmes requires that students have already gained sufficient knowledge in their intended studies and have proven language skills in English (C1) and German (B2). With the exception of Statistics, master's students choose from a range of specialisations, write and defend a master's thesis. The successful master's student earns 120 ECTS within a minimum of 4 semesters.

### Business

The master's programmes in Business Administration and International Business Administration were overhauled in 2016 and are now open to students of various academic

backgrounds. A facilitated admission process was introduced to attract students from other universities and, in particular, students from other subject areas at the University of Vienna. We have also designed new complementary studies (extension curricula, EC) to simplify admission of bachelor's students from other fields of study at our University.

The master's programme in Business Administration starts with an introductory phase to bring all students to the level required for successful studies. Students then specialise by choosing combinations of majors and minors from various fields. These programmes aim at combining excellence in academic education and preparing students for the demands of business life.

The master's programme in International Business Administration is our flagship. It is unique in all of Austria and truly interdisciplinary. In addition to their education in business administration, students also acquire knowledge and skills in the language, culture, history, politics, law and society of one of seven cultural regions (Africa, Europe, Latin-American, Japan, China, Slavic Region and South Asia). Cooperation with the respective faculties of the University of Vienna enables us to offer such a large portfolio of regional specialisations.

### Economics

The master's programme in Economics builds on knowledge acquired in a bachelor of Economics. The curriculum which is taught entirely in English gives students the choice whether to focus on an academic track or a more applied track. The objective of the master's programme in Economics is to deepen and to supplement academic preparation for employment for economists. Accordingly, the degree programme comprises advanced education in the core subjects as well as a wider education in the application areas of economics. In addition, it aims at introducing students to ongoing research in economics.

The aim of the master's degree programme Quantitative Economics, Management and Finance has been to equip students with the knowledge and skills required to analyse business, economics and statistics issues using mathematical models and to apply mathematical methods in the fields of business, economics and statistics. The programme has been discontinued and will cease to exist in 2017.

### Statistics

The Magister's programme ("Austrian Master's degree") Statistics is more structured than the other master's

programmes due to its comparatively small number of students. All master's degree graduates are therefore equipped with the same profound knowledge on basic theory and concepts of statistics necessary to successfully attend the doctoral programme. In addition, they gain comprehensive problem-solving skills in applied fields like econometrics, quantitative finance, decision support and biometrics.

## Doctoral Programmes (PhD and Dr.)

The Faculty offers PhD programmes in Management, Logistics and Operations Management, Economics, Statistics and Operations Research, and a doctoral programme in Business and Law. These programmes provide a wide range of high-level courses which make them an excellent gate-way into research and academia. The classes are taught by our own research-oriented Faculty and by leading visiting researchers and guest lecturers and guide students to work on cutting-edge research. The PhD programmes at our Faculty are designed as full-time courses. The directorate of studies constantly strives to ensure that all PhD candidates are employed as academic staff either directly at the Faculty, in projects, through third-party funds, or at least gain access to a scholarship or fellowship, such that students can commit themselves fully to their studies and research.

To guarantee a high level among the PhD candidates, all applicants must undergo a stringent, multi-stage application process.

The Faculty offers four PhD and one doctoral programmes. In all programmes, a broad range of courses are offered to provide a solid methodological and theoretical basis for the PhD students' own research, which is the main element in graduate education. The high level of scientific quality reached by the PhD students in our Faculty is exemplified by the fact that several PhD students already earned publication premia which the Faculty awards for publications in top-ranked journals.

The Faculty participates in three graduate schools that provide financial support for PhD students, and offers workshops and invites visiting professors in addition to the regular course programme. The Vienna Graduate School of Finance (VGSF) is a joint project with Vienna University of Business and Economics (WU) funded by the Austrian Science Funds FWF. 2016 was FWF's last funding year for this school, in which currently 6 PhD students of our Faculty are enrolled. 2016 was also the last year of the first funding period for the Vienna Graduate School of

Economics (VGSE), however, in the meantime, funding for a second period was granted by FWF. Currently, 23 PhD students are enrolled in the VGSE. Finally, a new graduate school VGSCO (Vienna Graduate School in Computational Optimization) was started jointly with the Faculty of Mathematics and Computer Science as well as Vienna University of Technology and the ISTA and is also funded by FWF. It currently encompasses nine PhD students.

Total enrolment in the doctoral and PhD programmes remained constant at around 155 students during 2016. There was, however, a decline in the number of newly admitted students. In total (across all five programmes), 11 new students were admitted in the summer term of 2016 (compared to 15 in the corresponding term 2015) and 15 in the winter term 2016/1 (compared to 29 the year before). To counterbalance this trend, which was to a large extent caused by a decline in admissions to the PhD programme Management, the Faculty has launched an initiative to obtain external funding also to start a graduate school in business administration (VGSB – Vienna Graduate School of Business). This application is currently being evaluated by FWF. In the academic year 2015/16, eight students graduated from the Faculty's PhD programmes, there were no graduates in that year of the doctoral programme in Business and Law.

In total, 162 semester hours of doctoral courses were offered in the academic year 2015/16. About half of these hours were taught by full professors of the Faculty. Three courses were offered by visiting professors, mainly as part of the visiting research professorship that has been established at the Faculty. Faculty-wide research seminars, in which students present their doctoral thesis in order to obtain approval for their topics complement the course programme.

# Extension Curricula

Extension curricula (EC) allow students to gain additional qualifications outside their major fields of study. EC are primarily targeted at students in bachelor's programmes

of disciplines other than Business, Economics, and Statistics. However, some Extension Curricula may also be taken to qualify for admission to the master in Business Administration and International Business Administration. Our Faculty currently has an intake of around 1,000 students from other subjects. Each EC is worth 15 ECTS and is taught exclusively in German.

Extension Curricula — table 10

Name of programme	Registered Students
Basic Statistics	31
Economy – Society – Government	47
Entrepreneurship	354
Global Corporate Management	168
Methods and Applications of Economics	10
Methods of Business Administration	95
Principles of Business Administration	220
Principles of Economics	65
Statistics: Inference and Data Analysis	9
Total	999

(Reporting System 2016)

## EC Basic Statistics

Students of this EC acquire a solid foundation in statistical methods which are indispensable in virtually all fields of modern science. The EC is particularly aimed at students who use statistical methods in course work or thesis work in their respective studies.

## EC Economy – Society – Government

The aim of this module is to give the students enrolled a comprehensive overview of economic processes and how these are embedded in societal and political contexts.

## EC Entrepreneurship

The main aim of this EC is to provide business-related knowledge to students who are interested in business creation and self-employment. The EC offers a well-rounded choice of business, finance and law courses.

## EC Global Corporate Management

This EC targets students who would like to gain knowledge in the field of applied business administration. We teach relevant skills on the basis of the globally-oriented company and its business and organisational processes.

## EC Methods and Applications of Economics

Students gain profound insights into the methods and applications of economics.

## EC Methods of Business Administration

This module focusses on formal and quantitative methods of business administration.

## EC Principles of Business Administration

The EC offers basic knowledge on topics of general business administration.

## EC Principles of Economics

The EC provides the essential basics and theories of economics and offers a glimpse into the general operations and methods of economists.

## EC Statistics: Inference and Data Analysis

Students acquire knowledge in the field of statistical modelling and processes. This EC is designed as an introduction to modern data analysis and inferential statistics.



Master Thesis Award 2016

## Student Awards

We reward outstanding performance by our students by awarding various prizes and honours. For example, our best bachelor's students are admitted to the "Class of Excellence". In 2016, the students of the second, third and fourth semesters were evaluated regarding their study progress and grade point average. The 30 best candidates are nominated for the Class of Excellence and are awarded a certificate for their outstanding performance at the Welcome Day (at the beginning of the winter term). The members of the Class of Excellence have the opportunity to participate in an exclusive selection of talks and excursions over the following year.

The "**Master's Student Award**" (pictures on the right) is given annually to handpicked master's students who stood out through their student performance and in addition prove high social competence and remarkable extra-curricular activities. Students are nominated by teaching staff of the Faculty and chosen by a panel of professors. The winners are then awarded with a certificate as well as prize money.

The "**Master's Thesis Award**" is awarded each year by the department of Business Administration. The authors of the best master's theses receive prize money which is donated by a business enterprise. The prize money is sponsored by business companies from the private and public sector as well as the Austrian National Bank (OeNB). In 2016, ten students were given a Master's Thesis Award for their outstanding written work by the previous Dean of the Faculty, Oliver Fabel, and the head of the department of Business Administration, Otto Altenburger.





## Teaching Award

The Faculty started a Young Teachers' Award which will be first announced for the summer term 2017. As for the overall university's teaching award, so far 4 teachers from our Faculty has have received this prestigious appreciation:

- Baierl, Andreas
- Hartl, Richard
- Obszelka, Daniel
- Rauner, Marion

## Student Fairs

The Faculty regularly presents itself to potential students in various specialised fairs. Participation in these fairs is usually jointly organised by the Study Board (SSC) and the Dean's Office. We are, for example, regularly present at the BeSt<sup>3</sup> ("Job, Training and Education"). In 2016, the fair was held from 3–6 March at the Wiener Stadthalle. We were also present at the BEST in Salzburg. On April 14 and 15, the University of Vienna organised its own study information fair "UniOrientiert" at the premises of the main building. As usual at the beginning of the winter term, the Welcome Day for new BA students at the Faculty took place on 4 October 2016 in-house and was jointly organised with student union representatives. On October 6, a big information event on the topic 'lateral entry into business administration' took place at the AudiMax lecture theatre at the main university building. This event's aim was to inform BA students at the University of Vienna about the Faculty's new EC and the opportunity to enrol in the new MA programmes (International) Business Administration. More than 400 students

attending the event are impressive demonstration that the Faculty's effort to open towards other fields of study and to integrate more into the University meet with high demand. On November 4, the Faculty took part in the "Master & More" fair in Vienna for the first time.

In the past year the International Support organised and hosted several events with a focus on stays abroad. The Erasmus Café took place in June. It informed interested students about the Erasmus programme while the International Lunch in October provided information on the Non-EU Student Exchange Programme. Both events also provided prospective exchange students the chance to meet former outgoing and current incoming exchange students in a relaxed environment. At the beginning of each semester, we organise a Welcome Meeting for our incoming exchange students, to help them get started in Vienna.



International Lunch 2016

## Teaching Mobility

International experience is not important for teaching but also for the administrative staff. While most of the international activities and exchange for our Faculty members is organised in a decentralised way, the

International Support helps with international exchange programmes. "Erasmus+" and the "Non-EU Teaching Mobility Programme" offer staff mobility to both academic and administrative members of staff. The new Erasmus+ International Mobility Programme extends the scope of the Erasmus programme to non-European countries. We are optimistic that this extension will bring even more opportunities for international collaboration.

## Student Mobility and Partner Universities

Over the past years, we intensified existing cooperations with our partner universities and we have signed new agreements with reputable universities from across the globe in 2016. Within the Erasmus+ Programme our students and staff can now spend up to twelve months at one of our 69 partner universities. In total, 59 students from our Faculty have stayed a semester or longer at a foreign European university in the academic year 2015/16. The British Isles as well as Scandinavia are particularly popular but the (south-)east of Europe is becoming increasingly popular.

The Faculty maintains exclusive partnerships with two renowned East Asian universities: the Dongguk University in South Korea and the National Chao Tung University in Taiwan. In 2015/16, two students participated in an exchange with the so-called tiger states. The interest in

these excellent study places is increasing and we expect rising numbers of applicants.

A total of 18 students have participated in the University of Vienna's Non-EU Student Exchange Programme and stayed at a non-European university in 2015/16.

Since 2015, we also provide students of the master's programme in Business Administration with the opportunity to participate in the structured master's mobility programme "Think Business, Go International! Berlin – Vienna – Zurich". This exciting new exchange programme combines traditional exchange semesters at the partner universities in Berlin and Zurich with the participation in at least one summer school. We predict that these opportunities will attract much interest among our students over the coming years.



ANMELDUNG UNTER [HTTP://INTERNATIONAL-WIWI.UNIVIE.AC.AT](http://international-wiwi.univie.ac.at)

Fakultät für Wirtschaftswissenschaften  
**INTERNATIONAL EXCHANGE SUPPORT**



ANMELDUNG UNTER [HTTP://INTERNATIONAL-WIWI.UNIVIE.AC.AT](http://international-wiwi.univie.ac.at)

Fakultät für Wirtschaftswissenschaften  
**INTERNATIONAL EXCHANGE SUPPORT**



Fakultät für Wirtschaftswissenschaften



*Part 4*

# THIRD MISSION: OUTREACH, DISSEMINATION AND DIALOGUE



**COMPREHENSIBLE  
RESEARCH.**

Third Mission Key Figures

Mission

Print and Electronic Media

Social Media

Faculty Media Portal

Events



## Third Mission Key Figures

# Our own YouTube channel

which provides different playlists

# 20

Events



# 19

Videos produced

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Print and electronic media contributions

# 48

Media portal entries



# Mission

The tenured faculty decided in its strategy meeting of November 2015 to give the Faculty an additional – third – mission while research and teaching will continue to be our main priorities. We have made it our mission to reach out to society, to share and disseminate our knowledge and to engage in dialogue with the various stakeholders outside of the University.

Third mission activities include a variety of activities such as:

- networking with societal actors and third-party funders;
- transferring our knowledge to and cooperation with private companies, government and non-government organisations;
- establishing new and transdisciplinary research projects in response to economic and social needs;
- integrating topics of high relevance and in research and teaching;
- preparing and encouraging students to accept tasks in politics, society and economy;
- fostering society's appreciation of science and research.

In the long run, our most significant type of dissemination is to educate a large number of competent graduates. Tying our alumni to us and making them feel a part of the academic community can also be a strong factor of outreach. Dissemination often takes the form of sharing academic knowledge in a broad sense rather than the dissemination of specific research results. Such dissemination is often initiated by demand from media, institutions, organisations, or firms. The Faculty has already made considerable effort in 2016 to engage in dissemination by way of newsletters, websites, and video channels, and we plan to uphold these activities.

Individual members of the Faculty participate in knowledge dissemination through their membership in councils and committees and by providing advice to firms and government institutions. Some research units have particularly strong community relations. The Institute for the Study of Cooperatives is funded by external sources and interacts with them on an ongoing basis. The Institute of Economic Sociology has various research projects that are applied or related to Austrian government, Unions etc. Within the business department, the Logistics Group has strong ties to industrial partners. The Vienna Center for Experimental Economics co-organises the Vienna Behavioral Economics Network (VBEN) with partners from the business world to disseminate ideas from behavioural economics to various stakeholders and the public at large.

The Faculty strives to increase the visibility of its activities in general and, in particular, to strengthen the dissemination

of knowledge and outreach to society. The visibility of our research and dissemination of ongoing research can be improved by

- publishing well, presenting at conferences, workshops and research seminars;
- systematic dissemination of research in the guise of, for example, summaries of top-publications or our webpage and newsletters;
- systematic updating of information on researchers and research projects in the University's Research Information System UCRIS;
- encouraging all researchers to register in internet platforms (e.g. repec, google scholar, ResearchGate, ...);
- organising specific events for a broad audience, such as the event series Wissenschaft & Praxis, the Vienna Behavioral Economics Network or the Oskar-Morgenstern-Award;
- distributing annual research reports;
- maintaining a strong web-presence of the departments and the Faculty.

Outreach to the society and the economy can be improved by

- organising events for practitioners or senior policy makers;
- interacting with our honorary professors (outreach to the local community), OeNB visiting professors;
- strengthening the ties between our (best) students and our alumni organisation;
- offering faculty-advised student consultancy;
- using social media for transmitting our activities and findings.

# Print and Electronic Media

Scientific thinking in our core fields can be applied to many issues and our experts offer advice and opinions to a broad range of topics. Below, we list contributions to dissemination of research, public debate, interviews and public speeches of our Faculty. The contributions are listed in chronological order and the content expresses the author's personal view.

2016-01-07: Wirtschaftsblatt

[Schaltjahre: Babys und Wahlen sorgen für einen Kick](#)

Paul Pichler, Department of Economics

2016-01-17: ORF Radio Ö1

[Die Ö1 Kinderuni - Wofür brauchen wir Geld? Allgemeine Informationen](#)

Paul Pichler, Department of Economics

2016-02-15: brandeins Wirtschaftsmagazin

[Aufwärts, abwärts, seitwärts](#)

Markus Georg Reitzig, Department of Business Administration

[https://typo3.univie.ac.at/fileadmin/user\\_upload/p\\_strategy/PDF/brandeins\\_aufwaerts.pdf](https://typo3.univie.ac.at/fileadmin/user_upload/p_strategy/PDF/brandeins_aufwaerts.pdf)

2016-02-16: ORF Radio Ö1

[Nudging: Wie der Staat seine Bürger erziehen will](#)

Jean-Robert Tyran, Department of Economics

<http://oe1.orf.at/programm/427619>

2016-03-12: SWR2 Campus Radio

[Replication in Economics](#)

Jean-Robert Tyran, Department of Economics

2016-04-08: derStandard.at

[Wovon Erfolg und Misserfolg abhängen](#)

Markus Georg Reitzig, Department of Business Administration

<http://derstandard.at/2000034446845/Startups-Wovon-Erfolg-und-Misserfolg-abhaengen>

2016-04-12: Kurier

[Gut gebildete Mütter kehren rascher auf den Arbeitsmarkt zurück](#)

Nadia Steiber, Department of Economic Sociology

<https://kurier.at/wirtschaft/gut-gebildete-muetter-kehren-rascher-auf-den-arbeitsmarkt-zurueck/192.465.652>

2016-04-27: ORF Radio Ö3

[Ö3 Wecker - Interview zur Bankomat Gebühr](#)

Thomas Gehrig, Department of Finance

2016-05-06: Vox EU

[Information and Crises](#)

Thomas Gehrig, Department of Finance

2016-05-21: derStandard.at

[Koordination ohne Hierarchie - geht das?](#)

Markus Georg Reitzig, Department of Business Administration

[https://typo3.univie.ac.at/fileadmin/user\\_upload/p\\_strategy/PDF/Standard\\_Mai2016.pdf](https://typo3.univie.ac.at/fileadmin/user_upload/p_strategy/PDF/Standard_Mai2016.pdf)

2016-05-22: Der Börsianer (14. Ausgabe)

[Ethik und Geld in der Finanzwirtschaft.](#)

Thomas Gehrig, Department of Finance

2016-05-26: Vox EU

[Price discovery in anomalous market trading: The Lehman Brothers case.](#)

Thomas Gehrig, Department of Finance

2016-06-01: Data Base Entry - SKBF|CSRE Schweizerische Koordinationsstelle für Bildungsforschung

[Die Ausbildung von Kunstschaffenden in Unternehmensführung](#)

Christine Strauß & Christine Bauer, Department of Business Administration

[http://www.skbf-csre.ch/de/bildungsforschung/datenbank/projektsuche/projekt-detail/?\\_id=207520&ref=person](http://www.skbf-csre.ch/de/bildungsforschung/datenbank/projektsuche/projekt-detail/?_id=207520&ref=person)

2016-06-05: derStandard.at

[Der Mythos von der Generation X](#)

Markus Georg Reitzig, Department of Business Administration

[http://typo3.univie.ac.at/fileadmin/user\\_upload/p\\_strategy/PDF/PDF\\_Standard\\_GenerationY.PDF](http://typo3.univie.ac.at/fileadmin/user_upload/p_strategy/PDF/PDF_Standard_GenerationY.PDF)

2016-06-16: issuu.com

[Was wir beim Geldanlagen falsch machen](#)

Jean-Robert Tyran, Department of Economics

[https://issuu.com/univie/docs/108715\\_univie\\_216\\_18052016\\_screen](https://issuu.com/univie/docs/108715_univie_216_18052016_screen)

2016-06-19: Computerworld Special Issue Swiss CIO

[Mut zum Experimentieren](#)

Markus Georg Reitzig, Department of Business Administration

[https://typo3.univie.ac.at/fileadmin/user\\_upload/p\\_strategy/Dokumente/1510\\_100\\_Disruptive\\_Technologien\\_kurzidim.pdf](https://typo3.univie.ac.at/fileadmin/user_upload/p_strategy/Dokumente/1510_100_Disruptive_Technologien_kurzidim.pdf)

2016-06-30: ORF Radio Ö1

[Warteschlangen, Duftmarketing und Charismaforschung. Erlebnis: Einkauf?](#)

Claus Ebster, Department of Business Administration

2016-07-30: Vox EU

[Multinational Banks and Supranational Supervision](#)

Gyöngyi Loranth, Department of Finance

2016-08-01: Ärzte Krone

[Wer Großes will, erreicht auch viel!](#)

Marion Rauner, Department of Business Administration  
[http://www.medmedia.at/aerztekrone\\_ausgabe/  
aek201614/](http://www.medmedia.at/aerztekrone_ausgabe/ aek201614/)

2016-08-17: apa OTS  
[Neue Plattform zur verhaltensökonomischen Revolution  
in Wirtschaft und Politik](#)

Jean-Robert Tyran, Department of Economics  
[http://www.ots.at/presseaussendung/  
OTS\\_20160817\\_OTS0048/vben-neue-plattform-zur-  
verhaltensoekonomischen-revolution-in-wirtschaft-und-  
politik-bild](http://www.ots.at/presseaussendung/<br/>OTS_20160817_OTS0048/vben-neue-plattform-zur-<br/>verhaltensoekonomischen-revolution-in-wirtschaft-und-<br/>politik-bild)

2016-10-05: derStandard.at  
[Die Gesundheit über den Händedruck messen](#)  
Nadia Steiber, Department of Economic Sociology  
[http://derstandard.at/2000045411908/Die-Gesundheit-  
ueber-den-Haendedruck-messen](http://derstandard.at/2000045411908/Die-Gesundheit-<br/>ueber-den-Haendedruck-messen)

2016-10-05: Daily Mail  
[What YOUR handshake may say about you: Strength of  
grip "could reveal how likely you are to reach a good age"](#)  
Nadia Steiber, Department of Economic Sociology  
[http://www.dailymail.co.uk/health/article-3823634/What-  
handshake-say-Strength-grip-reveal-likely-reach-good-  
age.html](http://www.dailymail.co.uk/health/article-3823634/What-<br/>handshake-say-Strength-grip-reveal-likely-reach-good-<br/>age.html)

2016-10-06: Kleine Zeitung  
[Drück' meine Hand und ich sag dir, wann du stirbst](#)  
Nadia Steiber, Department of Economic Sociology  
[http://www.kleinezeitung.at/lebensart/  
gesundheit/5097253/Studie\\_Drueck-meine-Hand-und-ich-  
sag-dir-wann-du-stirbst](http://www.kleinezeitung.at/lebensart/<br/>gesundheit/5097253/Studie_Drueck-meine-Hand-und-ich-<br/>sag-dir-wann-du-stirbst)

2016-10-07: Universität Wien Forschungsnewsletter  
[Millionenstädte ohne Verkehrsprobleme](#)  
Karl Dörner, Department of Business Administration  
[http://mediportal.univie.ac.at/videos/uni-wien-  
forscht/detailansicht/artikel/millionenstaedte-ohne-  
verkehrsproblem/](http://mediportal.univie.ac.at/videos/uni-wien-<br/>forscht/detailansicht/artikel/millionenstaedte-ohne-<br/>verkehrsproblem/)

2016-10-07: Augsburg Allgemeine  
[Bedeutung des Händedrucks: Was sagt der Händedruck  
über unsere Gesundheit?](#)  
Nadia Steiber, Department of Economic Sociology  
[http://www.augsburger-allgemeine.de/wissenschaft/  
Bedeutung-des-Haendedrucks-Was-sagt-der-  
Haendedruck-ueber-unsere-Gesundheit-id39291782.  
html](http://www.augsburger-allgemeine.de/wissenschaft/<br/>Bedeutung-des-Haendedrucks-Was-sagt-der-<br/>Haendedruck-ueber-unsere-Gesundheit-id39291782.<br/>html)

2016-10-07: Brigitte  
[Was dein Händedruck über deine Gesundheit aussagt](#)  
Nadia Steiber, Department of Economic Sociology  
[http://www.brigitte.de/gesund/gesundheit/forscherin-  
ermittelt-zusammenhang-zwischen-haendedruck-und-  
gesundheit-10854670.html](http://www.brigitte.de/gesund/gesundheit/forscherin-<br/>ermittelt-zusammenhang-zwischen-haendedruck-und-<br/>gesundheit-10854670.html)

2016-10-07: Süddeutsche Zeitung  
[Was die Hände verraten](#)

Nadia Steiber, Department of Economic Sociology  
[http://www.sueddeutsche.de/gesundheit/altersmedizin-  
richtig-zupacken-1.3193212](http://www.sueddeutsche.de/gesundheit/altersmedizin-<br/>richtig-zupacken-1.3193212)

2016-10-13: uni:view Magazin  
[Industrie in der digitalen Zukunft](#)

Karl Dörner, Department of Business Administration  
[http://mediportal.univie.ac.at/uniview/semesterfrage/  
ws-201617/detailansicht/artikel/industrie-in-der-digitalen-  
zukunft/](http://mediportal.univie.ac.at/uniview/semesterfrage/<br/>ws-201617/detailansicht/artikel/industrie-in-der-digitalen-<br/>zukunft/)

2016-10-26: Vox EU  
[Understanding Bank Payouts During the Crisis of  
2007-2009](#)

Gyöngyi Loranth, Department of Finance

2016-11-10: uni:view Magazin  
[Die Zukunft mit Trump](#)

Alejandro Cunat, Department of Economics  
[http://mediportal.univie.ac.at/uniview/wissenschaft-  
gesellschaft/detailansicht/artikel/die-zukunft-mit-trump/](http://mediportal.univie.ac.at/uniview/wissenschaft-<br/>gesellschaft/detailansicht/artikel/die-zukunft-mit-trump/)

2016-11-14: trend. Das Wirtschaftsmagazin, Nr. 45  
[Die vernetzte Fabrik](#)

Karl Dörner, Department of Business Administration

2016-12-09: ORF Radio Ö1  
[Dimensionen – die Welt der Wissenschaft: Die  
Nobelpreise 2016: Wirtschaft](#)

Oliver Fabel, Department of Business Administration

2016-12-28: Die Presse  
[Reich heiratet Reich, Arm heiratet Arm](#)  
Marc Goni-Trafach, Department of Economics

# Social Media

Platforms like Facebook, LinkedIn and YouTube have become very popular and are widely used these days. Social media is such an essential part of social life and of business life that our Faculty is integrating these new communication channels into our dissemination and outreach programme. Social media is about collaborating, networking, sharing and generating knowledge and content, and all of these features are of great value in the context of higher education. These media ultimately also serve to create bonds between our Faculty and the students.

We keep our audiences informed and updated by using various social media platforms in a customised fashion. For example, the Faculty uses Facebook for announcements

and invitations to academic and non-academic events. Our Faculty systematically and continuously disseminates informational videos on YouTube. Alone in 2016, we have produced 19 videos as detailed below.

## Youtube Channel

The Faculty of Business, Economics and Statistics has its own YouTube channel (Universität Wien – Wirtschaftswissenschaften), which provides different playlists. Each playlist represents a special type of event or information.

### Playlist: So fällt die Studienwahl gleich leichter

This playlist contains videos about our study programmes. At the moment only videos about our bachelor's programmes are available. The production of videos about the master's programmes is planned for the next years.



Uni Wien – BWL (Isabell, 1. Semester)

Important facts on the bachelor's programme Business Administration from a student's point of view  
32 sec  
<https://www.youtube.com/watch?v=rfR7TysmO1M&feature=youtu.be&list=PLjJY3zbU0WVOMLfloU6HZF2cqHz0eEiiX>



Uni Wien – IBWL (Matthias, 1. Semester)

Important facts regarding the bachelor's programme International Business Administration from a student's point of view  
28 sec  
[https://www.youtube.com/watch?v=HaAR-aSz\\_Eg&list=PLjJY3zbU0WVOMLfloU6HZF2cqHz0eEiiX&index=2](https://www.youtube.com/watch?v=HaAR-aSz_Eg&list=PLjJY3zbU0WVOMLfloU6HZF2cqHz0eEiiX&index=2)



Uni Wien – Statistik (Bella, 1. Semester)

Important facts on the bachelor's programme Statistics from a student's point of view  
23 sec  
<https://www.youtube.com/h?v=Lc6betP5mm8&list=PLjJY3zbU0WVOMLfloU6HZF2cqHz0eEiiX&index=3>



Uni Wien – VWL (Lothar, 1. Semester)

Important facts regarding the bachelor's programme Economics from a student's point of view  
20 sec  
<https://www.youtube.com/watch?v=-gQ2qHPUBcA&list=PLjJY3zbU0WVOMLfloU6HZF2cqHz0eEiiX&index=4>

## Playlist: Lust auf Wirtschaft?

This playlist provides informative videos for (prospective) students about relevant events, information offers and education fairs.



### (Teaser) Lust auf Wirtschaft? Wirtschaftsstudium Uni Wien

Trailer of the video with the same title, which provides information about daily life at our Faculty.

53 sec

<https://www.youtube.com/watch?v=nDuecw5xOTM>



### Lust auf Wirtschaft? Wirtschaftsstudium Uni Wien

Produced for the education fair BeSt 2016 in Vienna, this video shows daily life at our Faculty and presents our different bachelor's programmes.

6 min 1 sec

<https://www.youtube.com/watch?v=k4zXzPpSHEs>



### BeSt 2016 – Fakultät für Wirtschaftswissenschaften

Representation of our Faculty and our university at the education fair BeSt 2016 in Vienna.

43 sec

<https://www.youtube.com/watch?v=97AjQXsg5WI>



### Schulbesuch – Fakultät für Wirtschaftswissenschaften

Information and offers for pupils (future students) and school teachers using the Vienna Business Schools' visit in 2016 as an example.

1 min 47sec

<https://www.youtube.com/watch?v=rZ-s2-vnHfY>



### UniOrientiert 2016 – Fakultät für Wirtschaftswissenschaften

Representation of our Faculty at the in-house-fair UniOrientiert 2016 at the main building of the University of Vienna.

1 min 14 sec

<https://www.youtube.com/watch?v=CL7ij7kU2lk>



### International Lunch (17.10.2016) – Fakultät für Wirtschaftswissenschaften

Information on our exchange programmes on the example of the International Lunch in October 2016 and individual student experiences.

1 min 22 sec

<https://www.youtube.com/watch?v=p0-XT3u5Jfc>

## Playlist: Tutorials



### Course Registration Tutorial - Wirtschaftswissenschaften

Instruction on how the course registration in U:SPACE works for students of our Faculty.

2 min 26 sec

<https://www.youtube.com/watch?v=SQWKWMXXIKY>

## Playlist: Wissenschaft & Praxis

This playlist provides trailers and videos about our event series 'Wissenschaft & Praxis'.



### Wissenschaft & Praxis (18.10.2016) – Big Data in Produktion und Logistik

Presentation of the panel discussion 'Big Data in Produktion und Logistik'

1 min 15 sec

[https://www.youtube.com/watch?v=9\\_WaZ4AGef8](https://www.youtube.com/watch?v=9_WaZ4AGef8)



### Wissenschaft & Praxis – Trailer

Trailer of the event series "Wissenschaft & Praxis"

30 sec

<https://www.youtube.com/watch?v=UeWoAC2WOh4>



### Wissenschaft & Praxis (29.06.2016) – Wieviel ist mein Geld wert in 10 Jahren?

Summary of the panel discussion "Wieviel ist mein Geld in in 10 Jahren wert?". This discussion was a cooperation with the Alumni Verband Wien.

1 min 38 sec

<https://www.youtube.com/watch?v=pU4ipA5D32U>

## Playlist: Vienna Behavioral Economics Network

This playlist contains videos on the Vienna Behavioral Economics Network, which cooperates with the Vienna Center for Experimental Economics.



### VBEN – Power of Nudges – Trailer (05.12.2016)

Trailer of the VBEN panel discussion "The Power of Nudges"

2 min 2 sec

<https://www.youtube.com/watch?v=o1EOthKTJHQ&t=20s>



### VBEN – Power of Nudges – Diskussion (05.12.2016)

Discussion of the event of VBEN on the topic "The Power of Nudges"

24 min 1 sec

<https://www.youtube.com/watch?v=gpRZ3i3yr3g&t=697s>



### VBEN – Power of Nudges – Vortrag Jean-Robert Tyran/ Gerhard Fehr (05.12.2016)

Presentation of Prof. Jean-Robert Tyran and Gerhard Fehr at the event of VBEN on the topic "The Power of Nudges"

1 h 22min 6 sec

<https://www.youtube.com/watch?v=XptcR9bmcEk&t=21s>



### VBEN – Auftaktveranstaltung (07.09.2016)

First panel discussion of VBEN, which took place in September 2016.

1 min 43 sec

<https://www.youtube.com/watch?v=VMH6n2Olo0Q&t=25s>



### VBEN – Auftaktveranstaltung – Langfassung (07.09.2016)

Depiction of the extended version of first panel discussion of VBEN, which took place in September 2016.

1 h 8 min 9 sec

<https://www.youtube.com/watch?v=vGCg8k1tZOg>

### Playlist: Unsere Expertinnen und Experten

This playlist contains videos, which show interviews with or provide information about our Faculty members and their research results and areas.

All the videos of this playlist were produced by the University of Vienna or other organisations.

### Playlist: Videos der Universität Wien

This playlist only offers videos produced by the University of Vienna and links our Faculty's YouTube channel with the University's YouTube channel. The videos provide information about the history, the 650th anniversary or projects and events of the University of Vienna.

## Faculty Media Portal

04-03-16	Lust auf Wirtschaft?
18-05-16	Info: OeNB Gastprofessur 2016 - Univ.-Prof. Paul Mizen
09-06-16	Gratulation: Habilitationsverfahren Sophie Parragh abgeschlossen
13-06-16	Gratulation: ISoF Best Student Paper Award
29-06-16	Gratulation: Verleihung der Masterarbeitspreise (29.06.2016)
29-06-16	Gratulation: Verleihung der Master Student Awards (29.06.2016)
30-06-16	Rückblick: Wissenschaft & Praxis/Alumni Lounge (29.06.2016)
06-07-16	Info: Univ.- Prof. Rauner zum Thema "Flüchtlinge und Infektionskrankheiten"
03-08-16	Video: Univ.- Prof. Reitzig über "Organizations Aiming High"
08-08-16	Einladung: High Frequency Trading Conference (22./23.09.2016)
10-08-16	Interview: Univ.-Prof. Wirl über den aktuellen Ölpreis und die Mineralölsteuer
25-08-16	Einladung: Workshop in Auctions and Market Design (29./30.08.2016)
31-08-16	Beitrag: Univ.-Prof. Loranth über "Single Supervisory Mechanism and multinational banks"
31-08-16	Info: Youtube-Channel der Fakultät
01-09-16	Einladung: Joint Seminar Hebrew University of Jerusalem and University of Vienna (20./21.09.2016)
07-09-16	Info: VCEE gründet das Vienna Behavioral Economics Network
19-09-16	Info: Neue Masterstudien BW und IBW ab Oktober 2016
22-09-16	Einladung: Infoveranstaltung Master BW/IBW NEU (06.10.2016)
22-09-16	Einladung: Welcome-Day für Bachelorstudierende (04.10.2016)
22-09-16	Gratulation: "GreenCityHubs" gewinnt VCÖ Preis
23-09-16	Info: Auf und davon! Jetzt ERASMUS Restplätze sichern
03-10-16	Info: Willkommen im neuen Semester!
13-10-16	Einladung: 6th Workshop Banks and Financial Markets (20./21.10.2016)
13-10-16	Einladung: VG SF Information Day 2016 (25.10.2016)
13-10-16	Gratulation: uni:docs Förderung für zwei unserer ForscherInnen
13-10-16	Gratulation: Wirtschaftsnobelpreis für Oliver Hart und Bengt Holmström
14-10-16	Einladung: Habilitationskolloquium Chaiporn Vithessonthi (27.10.2016)
14-10-16	Gratulation: Schrödinger Stipendiums für Michele Griesmair

17-10-16	Gratulation: Marietta-Blau-Stipendium für Marek Chudy
19-10-16	Interview: Univ.-Prof. Dörner über "Industrie in der digitalen Zukunft"
27-10-16	Gratulation: Habilitationsverfahren Markus Leitner abgeschlossen
02-11-16	Beitrag: Univ.-Prof. Loranth über "Understanding bank payouts"
03-11-16	Einladung: Drittmitteltag 2016 (22.11.2016)
07-11-16	Video: Univ.-Prof. Tyran über "Verhaltensökonomik und Gesundheitsökonomik"
08-11-16	Info: Business Consulting Society - Erstes Treffen (21.10.2017)
10-11-16	Beitrag: Univ.-Prof. Cuñat über die Zukunft mit Trump
05-12-16	Info: Alexander Van der Bellen ist neuer Bundespräsident
05-12-16	Video: Power of Nudges - Vienna Behavioral Economics Network
07-12-16	Einladung: Vortrag Univ.-Prof. Tom Van Woensel - Technische Universität Eindhoven
09-12-16	Interview: Univ.-Prof. Fabel über den Wirtschaftsnobelpreis 2016
14-12-16	Info: Class of Excellence – Exkursion zu FINUM (15.12.2016)
16-12-16	Einladung: Wissenschaft & Praxis (11.01.2017)
17-12-16	Info: Neuer Master "Banking und Finance" - ab WiSe 2017
20-12-16	Gratulation: Projektförderung für Univ.-Prof. Hautsch
21-12-16	Beitrag: Dr. Margaretha Gansterer und Univ.-Prof. Hartl über "Combinatorial Auctions In Collaborative Vehicle Routing"
22-12-16	Gratulation: Theodore-von-Kármán-Fellowship für Univ.-Prof. Fabel
23-12-16	Gratulation: Vergabe des Back-to-Research-Grants an Maria Jell-Ojabor
23-12-16	Video: Die Logistik der Zukunft in Wien - Green City Hubs

# Events

[International Café](#)  
January 14, 2016

[Schulbesuch Vienna Business School](#)  
March 1, 2016

[BeSt Wien](#)  
March 3-6, 2016

[UniOrientiert](#)  
April 14-15, 2016

[Public Lecture Prof. Paul Mizen \(OeNB\)](#)  
May 11, 2016

[Money Talks Prof. Paul Mizen \(OeNB\)](#)  
June 1, 2016

[Erasmus-Café](#)  
June 6, 2016

[Masterday](#)  
June 14, 2016

[Master Thesis Award](#)  
June 29, 2016

[Master Student Award](#)  
June 29, 2016

[Wissenschaft & Praxis](#)  
June 29, 2016

[VBEN: Field experiments as a revolution in economics and politics](#)  
September 7, 2016  
[http://vben.at/events/list/?tribe\\_paged=1&tribe\\_event\\_display=past](http://vben.at/events/list/?tribe_paged=1&tribe_event_display=past)

[TDWI Roundtable](#)  
September 26, 2016

[Welcome-Day for Bachelor Students](#)  
October 4, 2016

[Info Day New Master Programmes BW/IBW \(Audimax\)](#)  
October 6, 2016

[Symposium Joseph Schumpeter](#)  
October 14, 2016

[International Lunch](#)  
October 17, 2016

[Wissenschaft & Praxis](#)  
October 18, 2016

[Master & More](#)  
November 4, 2016

[VBEN: The Power of nudges – Einsatz & Grenzen sanfter Stupser](#)  
December 5, 2016  
[http://vben.at/events/list/?tribe\\_paged=1&tribe\\_event\\_display=past](http://vben.at/events/list/?tribe_paged=1&tribe_event_display=past)

# Appendix

## Faculty Journal List

### Construction and use of the Faculty Journal List (FJL)

In February 2015, the Faculty Board approved the use of a Faculty Journal List (FJL) at the recommendation of an ad-hoc Scientific Advisory Committee (in which all Departments were represented).

### Purpose and use of the List

The purpose of the FJL is to define a graded set of "top" journals for the core fields at our Faculty. The current FJL contains a total of 476 journals, of which 176 journals are in Category 1, and 300 are in Category 2.

The FJL is used as a general reference for various measures and policies taken by the Faculty Board. In particular, it is used to structure the representation of research output in the Annual Report of the Faculty and on our webpages. It is also used in determining the payouts for our publications premia programme (see separate document for explanations). The FJL is updated approximately every three years.

### Construction of the List

In the current list, the journals have been assigned to categories by using two types of sources. One is the JCR (Journal Citation Reports, ISI web of knowledge) provided by Thomson Reuters, ed. 2015. The JCR has two editions, the Science edition and the Social Science edition (SSCI), and we use both to construct our list (FJL). We use the following fields from the SSCI (# of journals): Business (120); Business & Finance (94); Economics (345); Management (192); Political Science (163); Psychology, Applied (79); Psychology, Multidisciplinary (129); Sociology (142). We use the following fields from the Science edition: Mathematics, Applied (254); Mathematics, Interdisciplinary Applications (101); Multidisciplinary Sciences (63), Operations Research & Management Science (82); Statistics & Probability (123). Journals in each field are ranked according to the Article Influence Score (which roughly corresponds to a five-year impact factor, see below for exact definitions). We then use two cutoff values: the top 25 % of journals in each field (also called Q1) and the top 10 % in each list (also called D1).

The second source used to classify journals is a set of four complementary lists.

**Business:** Jourqual 3.0. This ranking is based on the judgement of professors in Business in the German-speaking area. See <http://vhbonline.org/service/jourqual/>. There are two top levels in this ranking. These are 22 "A+" journals, and 72 "A"-journals.

**Economics:** Handelsblatt-VWL-Ranking 2013. Contains all journals in EconLit, journal list of the American Economic Association, plus a few additional journals in statistics as well as Nature and Science. Weights are based on Combes and Linnemer (2010). We use the top two levels in their classification. These are 10 journals with "weight 1.0" and

25 journals with "weight 0.6". <http://www.handelsblatt.com/downloads/9665428/1/Journal-Ranking>

**Statistics:** List compiled by the Australian Mathematical Society (AMS) for Statistics. It contains 14 top (A\*) and 29 "A" journals. [http://www.austms.org.au/Rankings/0104\\_AustMS\\_final\\_ranked.html](http://www.austms.org.au/Rankings/0104_AustMS_final_ranked.html)

**Finance:** List compiled by the Amsterdam Business School (ABS). It contains 40 "top" (A\*) and 65 "very good" (A) journals. <http://abs.uva.nl/research/research-policy/research-policy.html>

A journal is allocated to

**Category 1** if the journal gets the best rating (i.e. is in the best 10 %) in at least one of the JCR fields we consider, or is in the best classification in at least one of the complementary journals lists (i.e. is A+ in Jourqual3.0, has weight 1.0 in HB VWL 2013, and is A\* in AMS and ABS).

**Category 2** if the journal is not in category 1 and gets the second best rating (i.e. is in the best 25 %) in at least one of the JCR fields we consider, or is in the second best classification in at least one of the complementary journals lists (i.e. is A in JourQual3.0, has weight 0.6 in HB VWL 2013, and is A in AMS and ABS).

Note that a journal typically receives differing evaluations from different sources and fields, but the Category is determined by the "best" evaluation. For example, Econometric Theory is a Cat. 1 journal because it is evaluated as D1 in the field Statistics (and is A\* in the AMS list), but it is rated only Q1 in Economics and not rated at all in several other fields, e.g. Management. A publication in Econometric Theory is counted as a Cat. 1 publication independent of whether the author is a statistician, an economist or a management scholar by training and independent of his assignment to departments.

### Definitions:

The **Article Influence Score** determines the average influence of a journal's articles over the first five years after publication. It is calculated by dividing a journal's Eigenfactor Score by the number of articles in the journal, normalised as a fraction of all articles in all publications. This measure is roughly **analogue to the 5-Year Journal Impact Factor** in that it is a ratio of a journal's citation influence to the size of the journal's article contribution over a period of five years. The mean Article Influence Score is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. A score less than 1.00 indicates that each article in the journal has below-average influence.

The Eigenfactor Score calculation is based on the number of times articles from the journal published in the past five years have been cited in the JCR year, but it also considers which journals have contributed these citations so that highly cited journals will influence the network more than lesser cited journals. References from one article in a journal to another article from the same journal are removed, so that Eigenfactor Scores are not influenced by journal self-citation.

## Category 1 Journals

ISSN	Journal Name
1941-6520	Academy of Management Annals
0001-4273	Academy of Management Journal
1558-9080	Academy of Management Perspectives
0363-7425	Academy of Management Review
0001-4826	Accounting Review
0361-3682	Accounting, Organizations and Society
0098-3500	ACM Transactions on Mathematical Software
0001-8392	Administrative Science Quarterly
1945-7782	American Economic Journal: Applied Economics
1945-7731	American Economic Journal: Economic Policy
1945-7707	American Economic Journal: Macroeconomics
1945-7669	American Economic Journal: Microeconomics
0002-8282	American Economic Review
0092-5853	American Journal of Political Science
0002-9602	American Journal of Sociology
0003-0554	American Political Science Review
0003-066X	American Psychologist
0003-1224	American Sociological Review
1948-206X	Analysis & PDE
0294-1449	Annales de l'Institut Henri Poincaré
1050-5164	Annals of Applied Probability
1932-6157	Annals of Applied Statistics
0883-6612	Annals of Behavioral Medicine
0091-1798	Annals of Probability
0090-5364	Annals of Statistics
1941-1383	Annual Review of Economics
1941-1367	Annual Review of Financial Economics
2327-0608	Annual Review of Organizational Psychology and Organizational Behavior
1094-2939	Annual Review of Political Science
0066-4308	Annual Review of Psychology
0360-0572	Annual Review of Sociology
2326-8298	Annual Review of Statistics and its Application
1063-5203	Applied and Computational Harmonic Analysis
0003-9527	Archive for Rational Mechanics and Analysis
1134-3060	Archives of Computational Methods in Engineering
1931-6690	Bayesian Analysis
0006-341X	Biometrics
564088	Biometrika
1465-4644	Biostatistics
0007-1234	British Journal of Political Science
0007-2303	Brookings Papers on Economic Activity
0944-2669	Calculus of Variations and Partial Differential Equations
1559-3940	Communications in Applied Mathematics and Computational Science

ISSN	Journal Name
0360-5302	Communications in Partial Differential Equations
0010-3640	Communications on Pure and Applied Mathematics
0010-4140	Comparative Political Studies
0823-9150	Contemporary Accounting Research
0963-7214	Current directions in Psychological Science
0266-4666	Econometric Theory
0012-9682	Econometrica
1368-4221	Econometrics Journal
0013-0133	Economic Journal
1754-0739	Emotion Review
0304-4130	European Journal of Political Research
1386-4157	Experimental Economics
1615-3375	Foundations of Computational Mathematics
0891-2432	Gender & Society
2047-217X	Gigascience
0272-4979	IMA Journal of Numerical Analysis
2041-4161	IMF Economic Review
1047-7047	Information Systems Research
1460-8545	International Journal of Management Reviews
0167-8116	International Journal of Research in Marketing
0020-8833	International Studies Quarterly
0021-7824	Journal des Mathématiques Pures et Appliquées
0021-843X	Journal of Abnormal Psychology
0165-4101	Journal of Accounting and Economics
0021-8456	Journal of Accounting Research
0021-9010	Journal of Applied Psychology
0735-0015	Journal of Business and Economic Statistics
0883-9026	Journal of Business Venturing
1061-8600	Journal of Computational and Graphical Statistics
0022-0027	Journal of Conflict Resolution
1469-5405	Journal of Consumer Culture
1057-7408	Journal of Consumer Psychology
0093-5301	Journal of Consumer Research
0304-4076	Journal of Econometrics
1381-4338	Journal of Economic Growth
0022-0515	Journal of Economic Literature
0895-3309	Journal of Economic Perspectives
0022-1082	Journal of Finance
0022-1090	Journal of Financial and Quantitative Analysis
0304-405X	Journal of Financial Economics
0022-166X	Journal of Human Resources
0268-3962	Journal of Information Technology
0047-2506	Journal of International Business Studies
0098-7921	Population and Development Review
0178-8051	Probability Theory and Related Fields

ISSN	Journal Name
0027-8424	Proceedings of the National Academy of Sciences of the United States of America
1059-1478	Production and Operations Management
0033-2909	Psychological Bulletin
1047-840X	Psychological Inquiry
1082-989X	Psychological Methods
0033-295X	Psychological Review
0956-7976	Psychological Science
0033-3174	Psychosomatic Medicine
0033-362X	Public Opinion Quarterly
1759-7323	Quantitative Economics
0033-5533	Quarterly Journal of Economics
1554-0626	Quarterly Journal of Political Science
0741-6261	RAND Journal of Economics
0191-3085	Research in Organizational Behavior
0048-7333	Research Policy
1380-6653	Review of Accounting Studies
0034-6527	Review of Economic Studies
0034-6535	Review of Economics and Statistics
1750-6816	Review of Environmental Economics and Policy
1572-3097	Review of Finance (formerly: European Finance Review)
0893-9454	Review of Financial Studies
0036-8075	Science
1022-1824	Selecta Mathematica - New Series
0097-5397	SIAM Journal on Computing
1936-4954	SIAM Journal on Imaging Sciences
0036-1410	SIAM Journal on Mathematical Analysis
0895-4798	SIAM Journal on Matrix Analysis and Applications
0036-1429	SIAM Journal on Numerical Analysis
1052-6234	SIAM Journal on Optimization
1064-8275	SIAM Journal on Scientific Computing
0036-1445	SIAM Review
0378-8733	Social Networks
1475-1461	Socio-Economic Review
0081-1750	Sociological Methodology
0049-1241	Sociological Methods & Research
0735-2751	Sociological Theory
0038-0407	Sociology of Education
0962-2802	Statistical Methods in Medical Research
0883-4237	Statistical Science
0277-6715	Statistics in Medicine
0143-2095	Strategic Management Journal
0022-1996	Journal of International Economics
0734-306X	Journal of Labor Economics
0149-2063	Journal of Management
0022-2380	Journal of Management Studies

ISSN	Journal Name
0022-2429	Journal of Marketing
0022-2437	Journal of Marketing Research
0022-2445	Journal of Marriage and Family
1930-5311	Journal of Modern Dynamics
0304-3932	Journal of Monetary Economics
0272-6963	Journal of Operations Management
0894-3796	Journal of Organizational Behavior
0022-3433	Journal of Peace Research
0022-3808	Journal of Political Economy
0022-3816	Journal of Politics
1548-7660	Journal of Statistical Software
0092-0703	Journal of the Academy of Marketing Science
0162-1459	Journal of the American Statistical Association
1542-4766	Journal of the European Economic Association
1435-9855	Journal of the European Mathematical Society
1369-7412	Journal of the Royal Statistical Society Series B: Statistical Methodology
1523-4614	M&SOM-Manufacturing and Service Operations Management
0025-1909	Management Science
0732-2399	Marketing Science
0218-2025	Mathematical Models & Methods in Applied Sciences
0025-5610	Mathematical Programming
0364-765X	Mathematics of Operations Research
0276-7783	MIS Quarterly
0027-3171	Multivariate Behavioral Research
2095-5138	National Science Review
0028-0836	Nature
2041-1723	Nature Communications
0030-364X	Operations Research
1047-7039	Organization Science
0170-8406	Organization Studies
0749-5978	Organizational Behavior and Human Decision Processes
1094-4281	Organizational Research Methods
0031-5826	Personnel Psychology
1537-5927	Perspectives on Politics
1745-6916	Perspectives on Psychological Science
0048-3915	Philosophy and Public Affairs
1047-1987	Political Analysis
0190-9320	Political Behavior
0032-3292	Politics and Society
1070-5511	Structural Equation Modeling: A Multidisciplinary Journal
1933-6837	Theoretical Economics
0191-2615	Transportation Research Part B: Methodological
0041-1655	Transportation Science

## Category 2 Journals

ISSN	Journal Name
1537-260X	Academy of Management Learning and Education
0001-4788	Accounting and Business Research
0951-3574	Accounting, Auditing and Accountability Journal
1549-6325	ACM Transactions on Algorithms
0001-8678	Advances in Applied Probability
1864-8258	Advances in Calculus of Variations
1019-7168	Advances in Computational Mathematics
0001-9909	African Affairs
0096-140X	Aggression and Violent Behavior
1359-1789	Aggressive Behavior
0002-7162	Annals of the American Academy of Political and Social Science
0020-3157	Annals of the Institute of Statistical Mathematics
0077-8923	Annals of the New York Academy of Sciences
1550-3585	Annual Review of Law and Social Science
0095-4616	Applied Mathematics and Optimization
1093-6106	Asian Journal of Mathematics
0278-0380	Auditing: A Journal of Practice and Theory
0001-8244	Behavior Genetics
1350-7265	Bernoulli
1367-4803	Bioinformatics
0006-3835	BIT Numerical Mathematics
1357-034X	Body & Society
0007-1080	British Journal of Industrial Relations
0007-1102	British Journal of Mathematical and Statistical Psychology
0007-1269	British Journal of Psychology
0007-1315	British Journal of Sociology
0007-4497	Bulletin des Sciences Mathématiques
1052-150X	Business Ethics Quarterly
0007-6791	Business History
0008-1256	California Management Review
0963-5483	Combinatorics, Probability and Computing
0219-1997	Communications in Contemporary Mathematics
1539-6746	Communications in Mathematical Science
1931-4523	Communications in Number Theory and Physics
0010-4159	Comparative Politics
0178-7675	Computational Mechanics
0926-6003	Computational Optimization and Applications
0167-9473	Computational Statistics & Data Analysis
0045-7825	Computer Methods in Applied Mechanics and Engineering
0305-0548	Computers & Operations Research
0011-7315	Decision Sciences
0167-9236	Decision Support Systems

ISSN	Journal Name
1078-0947	Discrete and Continuous Dynamical Systems
0166-218X	Discrete Applied Mathematics
1572-5286	Discrete Optimization
0921-8009	Ecological Economics
0747-4938	Econometric Reviews
0013-0079	Economic Development and Cultural Change
0013-0095	Economic Geography
0013-0117	Economic History Review
0266-4658	Economic Policy
0953-5314	Economic Systems Research
0938-2259	Economic Theory
0013-0427	Economica
0308-5147	Economy and Society
0261-3794	Electoral Studies
1083-6489	Electronic Journal of Probability
1935-7524	Electronic Journal of Statistics
0140-9883	Energy Economics
0195-6574	Energy Journal
1042-2587	Entrepreneurship Theory and Practice
0013-9165	Environment and Behavior
2193-1127	EPJ Data Science
0143-3857	Ergodic Theory and Dynamical Systems
1292-8119	ESAIM: Control, Optimisation and Calculus of Variations
0764-583X	ESAIM: Mathematical Modelling and Numerical Analysis
0963-8180	European Accounting Review
0014-2921	European Economic Review
0960-085X	European Journal of Information Systems (EJIS)
0377-2217	European Journal of Operational Research (EJOR)
1755-7739	European Political Science Review
1016-9040	European Psychologist
0266-7215	European Sociological Review
1465-1165	European Union Politics
0014-4983	Explorations in Economic History
1386-1999	Extremes
0894-4865	Family Business Review
0949-2984	Finance and Stochastics
0015-198X	Financial Analysts Journal
0046-3892	Financial Management
1664-1078	Frontiers in Psychology
0899-8256	Games and Economic Behavior
1526-3800	Global Environmental Politics
1470-2266	Global Networks: A Journal of Transnational Affairs
2042-5791	Global Strategy Journal
0952-1895	Governance: An International Journal of Policy Administration and Institutions

ISSN	Journal Name
0017-8012	Harvard Business Review
1386-9620	Health Care Management Science
1057-9230	Health Economics
0017-9124	Health Services Research (HSR)
0018-7267	Human Relations
0090-4848	Human Resource Management
1053-4822	Human Resource Management Review
0018-9391	IEEE Transactions on Engineering Management
1041-4347	IEEE Transactions on Knowledge and Eata Engineering
0740-817X	IIE Transactions
0960-6491	Industrial and Corporate Change
0019-8676	Industrial Relations
0378-7206	Information and Management
1369-118X	Information Communication & Society
1350-1917	Information Systems Journal (ISJ)
1091-9856	INFORMS Journal on Computing (JOC)
0167-6687	Insurance: Mathematics and Economics
0160-2896	Intelligence
0020-6598	International Economic Review
0029-5981	International Journal for Numerical Methods in Engineering
1086-4415	International Journal of Electronic Commerce
0169-2070	International Journal of Forecasting
0167-7187	International Journal of Industrial Organization
0144-3577	International Journal of Operations and Production Management
1940-1612	International Journal of Press/Politics
1049-8923	International Journal of Robust and Nonlinear Control
0020-8183	International Organization
1749-5679	International Political Sociology
0306-7734	International Statistical Review
0266-5611	Inverse Problems
0091-3367	Journal of Advertising
1471-0358	Journal of Agrarian Change
0883-7252	Journal of Applied Econometrics
0021-9002	Journal of Applied Probability
0378-4266	Journal of Banking and Finance
0894-3257	Journal of Behavioral Decision Making
0021-9398	Journal of Business
0889-3268	Journal of Business and Psychology
0167-4544	Journal of Business Ethics
0885-064X	Journal of Complexity
0929-1199	Journal of Corporate Finance
0022-0167	Journal of Counseling Psychology
0933-2790	Journal of Cryptology

ISSN	Journal Name
0304-3878	Journal of Development Economics
0167-2681	Journal of Economic Behavior and Organization
0165-1889	Journal of Economic Dynamics and Control
1468-2702	Journal of Economic Geography
0022-0507	Journal of Economic History
1569-1721	Journal of Economic Inequality
0950-0804	Journal of Economic Surveys
0022-0531	Journal of Economic Theory
1058-6407	Journal of Economics and Management Strategy
0022-0655	Journal of Educational Measurement
0927-5398	Journal of Empirical Finance
0095-0696	Journal of Environmental Economics and Management
0272-4944	Journal of Environmental Psychology
0936-9937	Journal of Evolutionary Economics
1076-898X	Journal of Experimental Psychology: Applied
1479-8409	Journal of Financial Econometrics
1042-9573	Journal of Financial Intermediation
1386-4181	Journal of Financial Markets
1069-5869	Journal of Fourier Analysis and Applications
0167-6296	Journal of Health Economics
1088-1980	Journal of Industrial Ecology
0022-1821	Journal of Industrial Economics
1094-9968	Journal of Interactive Marketing
0261-5606	Journal of International Money and Finance
0022-2186	Journal of Law and Economics
8756-6222	Journal of Law, Economics, and Organization
0742-1222	Journal of Management Information Systems
0924-9907	Journal of Mathematical Imaging and Vision
0022-2496	Journal of Mathematical Psychology
0022-2879	Journal of Money, Credit and Banking
0047-259X	Journal of Multivariate Analysis
0938-8974	Journal of Nonlinear Science
1570-2820	Journal of Numerical Mathematics
0963-1798	Journal of Occupational and Organizational Psychology
1076-8998	Journal of Occupational Health Psychology
0276-8739	Journal of Policy Analysis and Management
0963-8016	Journal of Political Philosophy
1743-9760	Journal of Positive Psychology
0737-6782	Journal of Product Innovation Management
1053-1858	Journal of Public Administration Research and Theory
0047-2727	Journal of Public Economics
1478-4092	Journal of Purchasing and Supply Management
0022-4065	Journal of Quality Technology
0022-4146	Journal of Regional Science
0022-4359	Journal of Retailing

ISSN	Journal Name	ISSN	Journal Name
0022-4367	Journal of Risk and Insurance	1070-5325	Numerical Linear Algebra With Applications
0895-5646	Journal of Risk and Uncertainty	0029-599X	Numerische Mathematik
1094-6136	Journal of Scheduling	0305-0483	Omega - International Journal of Management Science
0885-7474	Journal of Scientific Computing	1055-6788	Optimization Methods and Software
1094-6705	Journal of Service Research	0171-6468	OR Spectrum
1664-039X	Journal of Spectral Theory	1350-5084	Organization
0378-3758	Journal of Statistical Planning and Inference	2041-3866	Organizational Psychology Review
1523-2409	Journal of Supply Chain Management	1354-0688	Party Politics
1536-9323	Journal of the Association for Information Systems (JAIS)	2167-8359	Peerj
1742-5689	Journal of the Royal Society Interface	1170-7690	Pharmacoeconomics
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0025-5718	Mathematics of Computation	1057-9249	Psycho-Oncology
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0257-3032	World Bank Research Observer
0305-750X	World Development

# Rules for Publication Premia

The purpose of the publication premia programme is to provide members and students of our Faculty with incentives to publish in excellent journals in the key fields of our research, i.e. in Business, Economics, Statistics and related fields.

Premia are paid for publications in journals of the category "1" and "2" according to the current Faculty Journal List (for details see page 104).

Publications in excellent journals outside these categories can also receive premia upon application to the Faculty Research Committee. The default is that a journal that is in the top decile (D1) of the Web of Science according to the Article Influence Score in a non-core field of our Faculty is rewarded as a Cat. 2 journal.

## Who is Entitled to Receive Publication Premia?

- Only persons who are assigned to the Faculty of Business, Economics and Statistics or any of its subunits at the time of payment are entitled to receive premia. For example, someone who has joined the department in October of the previous year is in principle entitled to payment, someone who has left the Faculty in October is not. This also includes students or (external) doctoral students who are assigned to the Faculty of Business, Economics and Statistics but are not necessarily employed by the university.
- The person must have indicated University of Vienna, or our Faculty or one of its subunits as an affiliation on the publication to be entitled to payment.
- Premia are paid only for publications registered in our information system u:cris.
- Premia are paid in spring for papers that have appeared **in print** the preceding year. Many authors post their working papers as "preprints" and journals post (sometimes unedited) preprints on their webpages. While an acceptance letter by an editor is typically as good as a printed publication for one's career and promotion, we draw the line where an issue (and page) number has been assigned to the article.

The Faculty Board informs those entitled to receive a premium about the amount to be paid. This amount is paid to a central account administrated by the Dean's Office. Special rules apply for non-tenured faculty (i.e. anyone with full-time employment at our Faculty, including PhD students) who can apply for early payments of forthcoming papers. The reason for this special rule is that non-tenured faculty are more mobile

and may have left the Faculty by the time we effectuate the payments for the previous year. To apply, send a mail to [forschungsservice.wiwi@univie.ac.at](mailto:forschungsservice.wiwi@univie.ac.at) naming the article for which you apply and by providing clear evidence that your paper is forthcoming. A letter by the editor stating that the paper has been accepted counts as clear evidence (but he or she has to say so without any ifs and buts, i.e. we do not pay if the editor says the paper is "conditionally accepted" or is "accepted subject to minor revision". It must be "accepted for publication", plain and simple). Another way to provide the clear evidence is to send us a link to the journal homepage where your paper is listed as forthcoming (in preprint etc.).

## How Much is Paid?

While the Faculty Board strives for continuity in payments, we consider adjusting the amount paid by publication on an annual basis to budgetary conditions. We pay  $x$  Euros for a Cat. 1 publication and  $y$  Euros for a Cat. 2, where  $x > y$ . The exact amounts will be announced by the Dean. Payments are adjusted to the number of co-authors.

Every person entitled to receive the premium (see above) is paid  $1/n$  where  $n$  is the total number of authors for the paper. For example, suppose 5 authors have jointly published a paper in a Category 1 journal in 2016, and two of these authors were employees of the Faculty at the time of payment. Then, the two employees receive  $x/5$  Euros each, the other authors (non-employees) do not get any payment.

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