



MANNHEIM CENTRE
FOR COMPETITION
AND INNOVATION

Leibniz-ScienceCampus Mannheim Centre for Competition and Innovation (MaCCI)

Activity Report 2019

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1 MaCCI at a Glance

What is MaCCI?

“MaCCI” stands for “Mannheim Centre for Competition and Innovation”. Its major objective is to stimulate and disseminate research in the area of competition, regulation and innovation policy.

Who are the initiators of MaCCI?

MaCCI is an initiative by the Centre for European Economic Research (ZEW) and the Economics and Law Departments of the University of Mannheim. Launched as a virtual platform in 2008, MaCCI has been a ScienceCampus since January 2012.

In December 2019, MaCCI Directors were

- Bernhard Ganglmair (ZEW)
- Thomas Fetzer (University of Mannheim, Department of Law)
- Martin Peitz (University of Mannheim, Department of Economics)
- Achim Wambach (ZEW and University of Mannheim, Department of Economics)

In December 2019, the MaCCI Coordinators were

- Georg Licht (ZEW)
- Nadine Hahn (ZEW, Deputy Coordinator)

Who is affiliated to MaCCI?

The MaCCI community consists of researchers of the ZEW and the University of Mannheim who have a law or economics focus in the fields of competition, regulation and innovation policy.

In December 2019, MaCCI consisted of

- 23 senior members
- 22 junior members
- 24 Ph.D. students

MaCCI is supported by an advisory board. In February 2020, the board consisted of the following members:

- Christina Caffarra (Charles River Association)
- Bruno Jullien (Toulouse School of Economics)
- Birgit Krueger (Bundeskartellamt)
- William E. Kovacic (George Washington University)
- Alexandre de Stree (University of Namur)
- Massimo Motta (ICREA-Universitat Pompeu Fabra and Barcelona Graduate School of Economics)
- Heike Schweitzer (Free University of Berlin)
- Fiona M. Scott Morton (Yale University)

What does MaCCI do?

The key aim of MaCCI is to foster interdisciplinary research in the area of competition, regulation and innovation policy. MaCCI research contributes to fundamental problems in economics and law as they apply to competition, regulation and innovation. MaCCI projects and publications contribute to ongoing policy debates on international as well as European/Germany specific levels. Moreover, MaCCI provides a platform for discussions between academic researchers and practitioners through the organization of recurrent events such as:

- the MaCCI Annual Conference,
- the Mannheim Energy Conference,
- the MaCCI Law & Economics Conference,
- the MaCCI Summer Institute on Competition Policy,
- the Mannheim Competition Policy Forum (MCPF).

Additionally to recurrent events, MaCCI holds various other expert workshops and conferences on specific topics.

How is MaCCI connected?

MaCCI is member of the Centre on Regulation in Europe (CERRE)

MaCCI is member of the Competition Law and Economics European Network (CLEEN) – however, this network is currently inactive

MaCCI is collaborating institution of Competition and Regulation European Summer School (CRESSE)

2 MaCCI Snapshots

November 2019: The MaCCI Law & Economics Conference on Intellectual Property Proceedings

The conference provided an international platform for exchange and discussion between academic researchers and practitioners in public authorities, legal counsels, and economic consultancies.

The MaCCI Law and Economics Conference is organized for the ninth time since the inaugural edition in 2011. Last year the topic was “Intellectual Property Proceedings”. The conference consisted of two keynote lectures and four panel discussions covering the following topics.

- Proportionality of Injunctions in Patent Law
- Trade Secrets – Valuation and Protection
- What is FRAND?
- Using Alternative Dispute Resolution to Strike a FRAND Deal

June 2019: The 17th ZEW Conference on the Economics of Information and Communication Technologies

The objective of the conference was to discuss recent scientific contributions to the economics of information and communication technologies (ICT) and the economics of ICT industries from a theoretical, empirical and policy-oriented perspective.

June 2019: The MaCCI Summer Institute in Competition Policy

The 2019 MaCCI Summer Institute in Competition Policy brought together researchers to present and discuss work at the forefront of research on competition economics and regulation. The workshop topics included price discrimination, vertical foreclosure, horizontal merger policy, and the effects of minority shareholding on collusion.

May 2019: The ZEW/MaCCI Conference on the Economics of Innovation and Patenting

The goal of the conference was to present new research and to stimulate discussion between international researchers. The conference consisted of theoretical and empirical contributions from all areas of the economics of innovation and patenting.

May 2019: The 8th Mannheim Energy Conference

International scholars and practitioners in the field of energy economics were invited to discuss latest insights, new opportunities and future challenges concerning in the field of Energy Economics. The conference provided a stimulating environment for debates on issues fundamental to the energy industry, on policy implications of recent research, and new research questions arising from energy market regulation and policies.

March 2019: *Annual Conference of the Leibniz ScienceCampus MaCCI*

The aim of the conference was to provide a platform for exchange and discussion on topics in the field of competition and innovation between academic researchers and practitioners in public authorities, legal counsel, and economic consultancies.

The conference primarily consisted of parallel sessions that provided the opportunity to discuss original research papers from all fields of competition law and economics. The parallel sessions additionally included papers on business strategy related to competition, on the intersection between competition and innovation, and on regulated industries. Theoretical, empirical, as well as case-oriented papers were welcome. In particular, we invited lawyers to submit papers focusing on EU competition and/or comparative competition law.

Selected Achievements and Activities by MaCCI Members**2019: MaCCI Member Fetzer on Competition Law in Europe, China, and the U.S.**

MaCCI Co-Director Thomas Fetzer has continued a multi-year research project comparing selected aspects of Competition Law in the world's three biggest and most important jurisdictions: Europe, China and the U.S.. Together with Huang Yong from the University of International Business and Economics (UIBE) and Christopher Yoo from the University of Pennsylvania Law School Thomas Fetzer released the final report on "Due Process in Competition Law". The report has not only been published in China but will also be published in Europe and the U.S. Fetzer presented the findings of the report at several international conferences in China, including the 8th China Competition Policy Forum, which is the most important conference on competition law in China. Fetzer and his co-author Yoo also presented their work at an OECD working group meeting on June 4th in Paris. The project will continue until 2021 with a second working package comparing how the three jurisdictions deal with competition issues arising from Big Data and AI.

December 2019: MaCCI Member Martin Peitz at ACE Conference

At last year's annual conference of the Association of Competition Economics in Copenhagen, Martin Peitz contributed to the plenary panel "Reflections on the need for a reform of merger rules – Increased concentration and digital mergers" and discussed the German Facebook case.

December 2019: MaCCI Member Martin Peitz at on Digital Platforms in Brazil

At the second Rio Conference on Advances in Competition Policy Analysis, Martin Peitz gave an invited lecture on "Antitrust in the Attention Economy" and contributed to the panel "What has been learned about digital markets?". He also gave a short course on "The Economics of Platforms" at the Brazilian competition authority CADE in Brasilia.

October 2019: MaCCI Senior Member Volker Nocke on Mergers in Chicago

At the 12th Annual Conference on Antitrust Economics and Competition Policy in Chicago, organized by the Northwestern Center on Law, Business, and Economics, MaCCI Senior Member Volker Nocke gave a talk on "Merger Remedies in Multimarket Oligopoly". At the same conference, MIT-Professor Michael D. Whinston presented joint work with Nocke, titled "Concentration Screens for Horizontal Mergers."

February 2019: MaCCI Member Achim Wambach as Expert at Deutsche Bundestag

MaCCI member Achim Wambach discussed the Biennial Report of the German Monopolies Commission 2018, as well the recommendations of the commission with regard to energy, telecommunication, postal system as well as fixed book prices at the Deutsche Bundestag.

February 2019: MaCCI Members Martin Peitz and Achim Wambach at the Bundeskartellamt

MaCCI members Peitz and Wambach together with seven other German-speaking competition economists contributed to the discussions at the third meeting of the workgroup "Competition Economics" at the Bundeskartellamt.

February 2019: MaCCI Member Thomas Fetzer as Expert at Deutsche Bundestag

MaCCI member Thomas Fetzer gave an expert testimony on a revision of the German Telecommunications Act at the Deutsche Bundestag.

3 Members

The Leibniz-ScienceCampus MaCCI is an initiative by the Centre for European Economic Research (ZEW) and the Department of Law and the Department of Economics of the University of Mannheim. The members of MaCCI have an affiliation to at least one of the two founding institutions.

In December 2019, MaCCI had 23 senior members (full professors and heads of research units at ZEW), 22 junior members (post-docs and assistant professors) and 24 doctoral students. It therefore is one of the largest centers world-wide for law and economics research in the fields of competition, regulation and innovation.

In December 2019, the following researchers were members of MaCCI:

Senior Members

Irene Bertschek (ZEW)
Harald Fadinger (U. Mannheim, Economics)
Thomas Fetzer (U. Mannheim, Law)
Jens-Uwe Franck (U. Mannheim, Law)
Vitali Gretschko (ZEW)
Friedemann Kainer (U. Mannheim, Law)
Nadine Klass (U. Mannheim, Law)
Jan Klement (U. Mannheim, Law)
Georg Licht (ZEW)
Ralf Müller-Terpitz (U. Mannheim, Law)
Volker Nocke (U. Mannheim, Economics)
Henrik Orzen (U. Mannheim, Economics)
Martin Peitz (U. Mannheim, Economics)
Bettina Peters (ZEW)
Moritz Renner (U. Mannheim, Law)
Nicolas Schutz (U. Mannheim, Economics)
Michelle Sovinsky (University of Mannheim, Economics)
Konrad Stahl (U. Mannheim, Economics)
Jochen Streb (U. Mannheim, Economics)
Elu von Thadden (U. Mannheim, Economics)

Thomas Tröger (U. Mannheim, Economics)
Ulrich Wagner (University of Mannheim, Economics)
Achim Wambach (ZEW)

Junior Members

Vanessa Behrens (ZEW)
Johannes Bersch (ZEW)
Hannes Beyerbach (U. Mannheim, Law)
Philipp Boeing (ZEW)
Miriam Buiten (U. Mannheim, Law)
Nicolas Fugger (ZEW)
Bernhard Ganglmair (U. Mannheim, Economics)
Laura Grigolon (U. Mannheim, Economics)
Harim Kim (U. Mannheim, Economics)
Yanping Liu (U. Mannheim, Economics)
Simona Murmann (ZEW)
Helena Perrone (U. Mannheim, Economics)
Nicolas Schutz (U. Mannheim, Economics)
Dominik Schober (U Mannheim, ZEW)
Jan Schymik (U. Mannheim, Economics)
Olga Slivkó (ZEW)
Anton Sobolev (U. Mannheim, Economics)
André Stenzel (U. Mannheim, Economics)
Emanuele Tarantino (U. Mannheim, Economics)
Lea Tochtermann (U. Mannheim, Law)
Eleftheria Triviza (U. Mannheim, Economics)
Oliver Woll (ZEW)

Doctoral students

Allessandra Alloca (U. Mannheim, Economics)
Robert Aue (U. Mannheim, Economics)
Janna Axenbeck (ZEW)
Oliver Belitz (U. Mannheim, Law)
Marius Berger (ZEW)

Bianka Dinger (U. Mannheim, Law)
Florian Ferrenberg (U. Mannheim, Law)
Lena Füner (ZEW)
Philippe Gillen (ZEW)
Nadine Hahn (ZEW)
Reinhold Kesler (ZEW)
Maria Krämer (U. Mannheim, Law)
Bastian Krieger (ZEW)
Daniil Larionov (U. Mannheim, Economics)
David Mattern (U. Mannheim, Law)
Andreas Michl (U. Mannheim, Law)
Heinrich Nemecek (U. Mannheim, Law)
Eric Niederprüm (U. Mannheim, Law)
Andreas Rief (U. Mannheim, Law)
Tobias Riehm (ZEW)
Markus Trunschke (ZEW)
Ilona Tsanko (ZEW)
Fabian Uebele (U. Mannheim, Law)
Yihan Yan (U. Mannheim, Economics)

People who left MaCCI in 2019 and their new affiliation:

Former Senior Member:

Andreas Engert (FU Berlin)

Former Junior Members:

Niklas Dürr (Deutsche Bahn AG)
Hidenori Takahashi (Hitotsubashi)
Galina Zudenkova (TU Dortmund University)

Former Doctoral Students:

Francisco Esteban Cattaneo (CompassLexecon)
Michael Hellwig (Zentraler Immobilien Ausschuss e.V.)

4 Research Projects and Research Output

MaCCI members were very active in conducting research in the areas of competition, regulation and innovation law and economics. The MaCCI Letter provides further details on three papers published by MaCCI members in 2019. In addition, we provide a full list of publications by all MaCCI members below.

Publications in Journals:

Published:

Belleflamme, Paul and **Martin Peitz** (2019), *Managing Competition on a Platform*, Journal of Economics and Management Strategy 28: 5-22.

Belleflamme, Paul and **Martin Peitz** (2019), *Platform Competition: Who Benefits from Multihoming?*, International Journal of Industrial Organization 64: 1-26.

Belleflamme, Paul and **Martin Peitz** (2019), *Price Disclosure by Two-Sided Platforms*, International Journal of Industrial Organization 67, art. 102529.

Bertschek, Irene, Michael Polder and Patrick Schulte (2019), *ICT and Resilience in Times of Crisis: Evidence from Cross-Country Micro Moments Data*, Economics of Innovation and New Technology Volume 28, Issue 8: 759-774.

Bischoff, Oliver, Dagmar Kollmann, Jürgen Kühling, Thomas Nöcker, Angelika Westermelle and **Achim Wambach** (2019), *International Post Organizations: A European Perspective*, Journal of European Competition Law & Practice Vol. 10, No. 1: 10-21.

Böing, Philipp and Elisabeth Müller (2019), *Measuring China's Patent Quality: Development and Validation of ISR Indices*, China Economic Review 57.

Briglauer, Wolfgang, Niklas Dürr (2019), Oliver Falck and Kai Hüschelrath (2019), *Does State Aid for Broadband Deployment in Rural Areas Close the Digital and Economic Divide?*, Information Economics and Policy 46: 68 - 85.

Buiten, Miriam (2019), *The Ambivalent Effect of Antitrust Damages on Deterrence*, The Antitrust Chronicle 2019, 1-9.

Fugger, Nicolas, Elena Katok and **Achim Wambach** (2019), *Trust in Procurement Interactions*, Management Science 65 (11): 5110-5127.

Fetzer, Thomas and Tobias Böser, *Die EuGH-Entscheidungen zu § 8c Abs. 1a KStG sowie § 6a GrEStG und deren Auswirkungen auf beihilfekritische Steuervergünstigungen*, DStR 2019: 1177-1185.

Ganglmair, Bernhard (2019), *Installment Contracts and Material Breach*, Supreme Court Economic Review 26(2018): 1-46.

Gretschko, Vitali (2019), *A Procurement Mechanism to Assign Refugee Quotas: Comment*, Journal of Institutional and Theoretical Economics 175 (1): 53-57.

Grüner, Hans-Peter and **Thomas Tröger** (2019), *Linear Voting Rules*, Econometrica, 87: 2037-2077.

Gui, Zhengqing, **Ernst-Ludwig von Thadden**, and Xiaojian Zhao *Incentive (2019), Compatibility, Limited Liability, and Costly Liquidation in Financial Contracting*, Games and Economic Behavior 118: 412-433.

Hou, Jun , Can Huang, **Georg Licht**, Jacques Mairesse, Benoit Mulkay, Pierre Mohnen, **Bettina Peters**, Yilin Wu, Yanyun Zhao and Feng Zhen (2019), *Does Innovation stimulate Employment? Evidence from China France, Germany, and the Netherlands*, Industrial and Corporate Change 28(1): 109–121.

Juan Carluccio, Alejandro Cuñat, **Harald Fadinger** and Christian Fons-Rosen (2019), *Offshoring and Skill-Upgrading in French Manufacturing*, Journal of International Economics 2019(118): 138-159.

Mimra, Wanda and **Achim Wambach** (2019), *Contract Withdrawals and Equilibrium in Competitive Markets with Adverse Selection*, Economic Theory 67 (4): 875-907.

Motta, Massimo and **Martin Peitz** (2019), *Challenges for EU Merger Control*, Concurrency 2019(2): 44-49.

Reisinger, Markus and **Emanuele Tarantino** (2019), *Patent Pools, Vertical Integration and Downstream Competition*, RAND Journal of Economics, 50(1):168-200.

Sovinsky, Michelle and Julian Hidalgo (2019), *Forensic Econometrics: Demand Estimation when Data are Missing*, The Japanese Economic Review, 70(3): 403-410.

Wambach, Achim and John P. Weche (2019), *Das wettbewerbliche Risikopotenzial institutioneller Anleger*, Wirtschaftsdienst 99(8): 575-581.

Wambach, Achim and Thomas Weck (2019), *Deutsche Bank und Commerzbank - Plädoyer für eine Finanzfusionskontrolle*, Zeitschrift für das gesamte Kreditwesen 6: 28-32.

Wambach, Achim, Vitali Gretschko and Thilo Klein (2019), *Die Regeln machen den Unterschied: Marktdesign*, WiSt - Wirtschaftswissenschaftliches Studium 48, Bd. 4: 22-28.

Forthcoming:

Alfaro, Laura and Maggie Chen and **Harald Fadinger**, *Spatial Agglomeration and Superstar firms: Firm-level Patterns from Europe and U.S.*, in Conference Proceedings of the ECB Sintra Forum on Central Banking.

Anderson, Simon and **Martin Peitz**, *Media See-saws: Winners and Losers in Platform Markets*, Journal of Economic Theory.

Belleflamme, Paul and **Martin Peitz**, *The Competitive Impacts of Exclusivity and Price Transparency in Markets with Digital Platforms*, Concurrences.

Bersch, Johannes, Hans Degryse, Thomas Kick and Ingrid Stein (forthcoming), *The Real Effects of Bank Distress: Evidence from Bank Bailouts in Germany*, Journal of Corporate Finance.

Breinlich, Holger, **Volker Nocke** and **Nicolas Schutz**, *Merger Policy in a Quantitative Model of International Trade*, Economic Journal.

Buiten, Miriam (2019), *Towards intelligent regulation of Artificial Intelligence*, European Journal of Risk Regulation: EJRR 2019: 41-59.

Ganglmair, Bernhard, Alex Holcomb, and Noah Myung (forthcoming), *Expectations of Reciprocity when Competitors Share Information: Experimental Evidence*, Journal of Economic Behavior and Organization.

Hellwig, Michael, Dominik Schober and **Oliver Woll** (forthcoming), *Measuring Market Integration and Estimating Policy Impacts on the Swiss Electricity Market*, Energy Economics.

Hellwig, Michael, Dominik Schober und Luís Cabral (forthcoming), *Low-Powered vs High-Powered Incentives: Evidence From German Electricity Networks*, International Journal of Industrial Organization.

Hinnosaar, Marit, Toomas Hinnosaar, Michael Kummer and **Olga Slivkó** (forthcoming), *Wikipedia Matters*, Journal of Economics & Management Strategy.

Hussinger, Katrin and **Maikel Pellens** (forthcoming), *Guilt by Association: How Scientific Misconduct Harms Prior Collaborators*, Research Policy.

Hombert, Johan, Jerome Pouyet and **Nicolas Schutz** (forthcoming), *Anticompetitive Vertical Merger Waves*, Journal of Industrial Economics.

Hunold, Matthias, **Reinhold Kesler** and **Ulrich Laitenberger** (forthcoming), *Hotel Rankings of Online Travel Agents, Channel Pricing, and Consumer Protection*, Marketing Science.

Karle, Heiko, **Martin Peitz**, and Markus Reisinger (forthcoming), *Segmentation versus Agglomeration: Competition between Platforms with Competitive Sellers*, Journal of Political Economy.

Kummer, Michael, **Olga Slivkó** and Xiaoquan (Michael) Zhang (forthcoming), *Unemployment and Online Volunteering*, Information Systems Research.

Lauermann, Stephan, Georg Nöldeke, and **Thomas Tröger** (forthcoming), *The Balance Condition in Search-and-Matching Models*, Econometrica.

Mass, Helene, **Nicolas Fugger**, **Vitali Gretschko** and **Achim Wambach** (forthcoming), *Imitation Perfection - A Simple Rule to Prevent Discrimination in Procurement*, American Economic Journal: Microeconomics.

Mermelstein, Ben, **Volker Nocke**, Mark A. Satterthwaite and Michael D. Whinston (forthcoming), *Internal versus External Growth in Industries with Scale Economies: A Computational Model of Optimal Merger Policy*, Journal of Political Economy.

Peitz, Martin and Dongsoo Shin (forthcoming), *Distorted Input Ratios in Vertical Relationships*, Scandinavian Journal of Economics.

Pennerstorfer, Dieter, Philipp Schmidt-Dengler, **Nicolas Schutz**, Christoph Weiss and Biliana Yontcheva (forthcoming), *Information and Price Dispersion: Theory and Evidence*, International Economic Review.

Monographs, edited books, chapters, and longer studies:

Published:

Berger, Marius, Jürgen Egel and Sandra Ze (2019), *Innovative Unternehmensgründungen in Deutschland. Auswertungen aus dem IAB/ZEW Gründungspanel*, Studien zum deutschen Innovationssystem Nr. 13-2019 Berlin.

Bersch, Johannes and Sandra Gottschalk (2019), *Unternehmensdynamik in der Wissenswirtschaft in Deutschland 2017, Gründungen und Schließungen von Unternehmen, Gründungsdynamik in den Bundesländern, internationaler Vergleich, Wagniskapital-Investitionen in Deutschland und im internationalen Vergleich*, Studien zum deutschen Innovationssystem Nr. 3-2019 Berlin.

Bersch, Johannes, Josefine Diekhof, Bastian Krieger, Georg Licht and Simona Christine Murmann (2019), *Productivity Slowdown, Innovation and Industry Dynamics*, in: Erik E. Lehmann, Max Keilbach From Industrial Organization to Entrepreneurship. A Tribute to David B. Audretsch, Cham: 229-241.

Buiten, Miriam (2019), *Platforms and economic implications*, in: Linardatos (ed.), *Handbuch Robo Advice: Automatisierte Finanz- und Versicherungsdienste*, München, tba.

Buiten, Miriam (2019), *Regulating data giants: Between competition law and data protection law*, in: Mathis (ed.), *New developments in competition law and economics*, Cham, 2019, 265-294.

Buiten, Miriam (2019), *Ökonomische Implikationen*, in: Linardatos (ed.), *Handbuch Robo Advice: Automatisierte Finanz- und Versicherungsdienste*, München, 2019, tba.

Franck, Jens-Uwe and Martin Peitz (2019), *Market Definition and Market Power in the Platform Economy*, CERRE Report, May 2019.

Michel, C., E. Pronto, A. Oswald and **Michelle Sovinsky** (2019), *Advertising as a Major Source of Human Dissatisfaction: Cross-National Evidence on One Million Europeans*, In Rojas M. (eds) *The Economics of Happiness*. Springer, Cham.

Fetzer, Thomas (2019), *Einführung in das Steuerrecht*, 5th edition, 2019.

Fetzer, Thomas (2019), *Wirtschaftsverwaltungsrecht*, in: Steiner, Udo/Brinktrine, Ralf (editors), *Besonderes Verwaltungsrecht*, 2019.

Fetzer, Thomas and Kristian Fischer (2019), *Casbook Europarecht*, 9th edition 2019.

Fetzer, Thomas and Kristian Fischer (2019), *Europarecht*, 12th edition.

Franck, Jens-Uwe and **Martin Peitz** (2019), *Assessing the Market Power of Digital Platforms*, CERRE Report, May 2019.

Müller-Terpitz Ralf und Kai-Niklas Knüppel (2019), *Smart Grids*, in: Margit Seckelmann (Hrsg.), *Digitalisierte Verwaltung. Vernetztes E-Government*, Erich Schmidt Verlag, 2. völlig neu bearbeitete Aufl. 2019, Kapitel 26: 587 – 608

Forthcoming:

Cunat, Alejandro and **Harald Fadinger** (forthcoming), *A Heckscher-Ohlin Model of Offshoring and Exporting*, in: Pol Antràs, Wilhelm Kohler and Erdal Yalcin (eds.), *New Developments in Global Sourcing*. MIT Press.

Dachs, Bernhard, Martin Hud and **Bettina Peters** (forthcoming), *Innovation, Employment and the Business Cycle*, in: *Handbook of Labor, Human Resources and Population Economics*.

Fetzer, Thomas, Huang, Yong and Christopher S. Yoo (forthcoming), *Due Process in Europe, China, and the U.S. – A comparative law and practice study*.

Ganglmair, Bernhard, Nadine Hahn, Michael Hellwig, Alexander Kann, **Bettina Peters**, and Ilona Tsanko, “Price Markups, Competition, and Productivity: Evidence from Germany”. Report prepared for the Bertelsmann Stiftung.

Heim, Sven, **Dominik Schober** and **Oliver Woll** (forthcoming), *Bewertungskriterien von Fördersystemen aus ökonomischer Sicht*, in: Jörg Böttcher *Rechtliche Rahmenbedingungen für EE-Projekte*, Vol. II, BWV Berliner Wissenschafts-Verlag, Berlin.

Articles in Anthologies and Miscellaneous :

Published:

Berger, Marius, Birgit Gehrke and Christian Rammer (2019), *Innovationsindikatoren Chemie 2019*, Schwerpunktthema: Chemie-Startups, Verband der Chemischen Industrie e. V., Mannheim.

Cabral, Luis, **Martin Peitz** and Julian Wright (2019), *Introduction to the Special Issue on Platforms*, *Journal of Economics and Management Strategy* 28: 3-4.

Fetzer, Thomas, *Institutionelle Herausforderungen der Digitalisierung*, in: Rosin, Peter / Uhle, Arnd: *Recht und Energie – Liber Amicorum für Ulrich Bündenbender zum 70. Geburtstag*, De Gruyter, Berlin 2018

Müller-Terpitz, Ralf, Kommentierungen in: Hubertus Gersdorf/Boris Paal (Hrsg.), *Kommentar zum Informations- und Medienrecht*, C. H. Beck, München, seit 1. Auflage 2013 (Online), 1. Aufl. 2014 (Print):

- a) § 27 Rundfunkstaatsvertrag – Bestimmung der Zuschaueranteile (S. 419 – 424) [Stand Online-Kommentierung: 26. Auflage (01.11.2019)];
- b) § 28 Rundfunkstaatsvertrag – Zurechnung von Programmen (S. 424 – 431) [Stand Online-Kommentierung: 26. Auflage (01.11.2019)];
- c) § 29 Rundfunkstaatsvertrag – Veränderung von Beteiligungsverhältnissen (S. 431 – 435) [Stand Online-Kommentierung: 26. Auflage (01.11.2019)];
- d) § 31 Rundfunkstaatsvertrag – Sendezeit für unabhängige Dritte (S. 436 – 452) [Stand Online-Kommentierung: 16. Auflage (01.11.2019)]

Müller-Terpitz, Ralf, Kommentierungen in: Theodor Maunz/Günter Dürig (Begr.), *Grundgesetz*, C. H. Beck, München: Art. 52 GG (Stand: August 2019).

Müller-Terpitz, Ralf Rezension in: *MedR* (2019) 37, S. 1004 – 1005: *Hybride und Chimären. Die Forschung an Mensch-Tier-Mischwesen aus verfassungsrechtlicher Sicht*. Von Markus Lackermair. Verlag Mohr Siebeck, Tübingen 2017: 517.

Motta, Massimo and **Martin Peitz** (2019), *Gute europäische Champions und böse Fusionskontrolle?*, *ifo Schnelldienst* 8/2019: 9-11.

Peitz, Martin (2019), Book review of Julian Dörr, Nils Goldschmidt und Frank Schorkopf (eds.): *Share Economy: Institutionelle Grundlagen und gesellschaftspolitische Rahmenbedingungen*, *Jahrbücher für Nationalökonomie und Statistik* 239, 305-308.

Peitz, Martin (2019), *Fostering the Digital Economy in the Middle East and North Africa*, in: R. Arezki, F. Belhaj, and P. Shah (eds.), *Promoting a New Economy for the Middle East and North Africa*, World Bank Group, 29-33.

Sovinsky, Michelle, Pronto, E, and Oswald, A. (2019), *Advertising as a Major Source of Human Dissatisfaction: Cross-National Evidence on One Million Europeans*, *The Economics of Happiness*, Springer: 217-239.

Wambach, Achim (2019), *Wettbewerbspolitik für die neuen Herausforderungen*, ifo Schnelldienst 8: 5-8.

Forthcoming:

Belleflamme, Paul and **Martin Peitz** (forthcoming), *Ratings, Reviews and Recommendations*, in: Trilce Navarrete and Ruth Towse (eds.), *Handbook of Cultural Economics*, 3rd edition, Edward Elgar.

5 Events

In 2019, MaCCI invested substantial financial and human resources in the organization of conferences and workshops. By organizing such events, MaCCI aims to enable interaction between established and young international researchers. It also receives valuable feedback on MaCCI research project output. Other events aim at an audience in Germany to diffuse knowledge.

In the following section, we provide a full list of all MaCCI events in 2019. Further information is provided on www.macci.eu. The respective event programs are also included in the annex to this report.

In addition to dissemination activities to the public, MaCCI has established two internal annual events. Each spring, the MaCCI association holds the MaCCI IO day on cutting-edge research regarding competition, regulation and innovation and stimulates the exchange of ideas between ZEW and University of Mannheim researchers. Each fall (since 2013) MaCCI also holds the MaCCI Competition and Regulation Day during which researchers from law and economics at the University of Mannheim and ZEW researchers present ongoing research focusing on the interaction between law and economics.

MaCCI also functions as a hub for communication on economic methods to legal scholars (in particular, doctoral students) as well as the provision of state-of-the-art legal analysis to economists.

MaCCI Events (full list)

14. - 15 November 2019

MaCCI Law & Economics Conference on Intellectual Property Proceedings

8. November 2019

MaCCI Competition and Regulation Day 2019

14. – 15. November

MaCCI Law & Economics Conference 2019: “Intellectual Property Proceedings”

10 October 2019

ACM Enforcement in the Digital Economy; Cases and a Look Ahead

27. – 28. June 2019

17th ZEW Conference on the Economics of Information and Communication Technologies

17. – 21. June 2019

MaCCI Summer Institute on Competition Policy

16. – 17. June 2019

8th ZEW Macci Conference on the Economics of Innovation and Patenting

6. – 7. May 2019

Eight Mannheim Energy Conference

11. April 2019

Broadband Rollout and the new Guidelines on State Aid

28. – 29. March 2019

Annual Conference of the Leibniz ScienceCampus MaCCI

7. March 2019

The Commission's TMNL / Tele 2 NL Decision: Another Twist to the MNO Merger Tale

14. February 2019

The AI Strategy of the German Government

Additional information

Section 2, MaCCI Snapshots, describes several of our events in detail.

Lectures in MaCCI Seminar Series:

Mannheim Competition Policy Forum (MCPF)

05 Dezember 2019

Stefan Wilbert (Stadtwerke Köln GmbH)
Regulated Municipal Network Operators

21 November 2019

Philippe Sulger (Swiss Competition Commission)
Antitrust Enforcement at the Swiss Competition Commission

14 November 2019

Nathan Wajzman (Chief Economist, EU Intellectual Property Office, Alicante, Spain)

07 November 2019

Friedhelm Dommermuth (Bundesnetzagentur, Bonn)
Recent Market Developments in the Telecommunication Sector

24 October 2019

Eliana Garcés (Facebook)
Digital Business Models and Competition Policy

10 October 2019

Bart Noé (The Netherlands Authority for Consumers and Markets (ACM))
ACM Enforcement in the digital economy; cases and look ahead

26 September 2019

Martin Peitz (MaCCI)
How to deal with digital platforms

09 May 2019

Mark-E. Orth (MEO)
IOC Advertisement Restrictions for Athletes During Olympic Games – Rule 40 IOC Charter – Abuse of a Dominant Position? Commitment Decision of the Bundeskartellamt

11 April 2019

Mirko Paschke (Federal Ministry of Transport and Digital Infrastructure)
State Aid and Broadband Infrastructure Investment

28 March 2019

Andreas Mundt (German Federal Cartel Office)
Current issues in competition Law and Economics

07 March 2019

Thilo Klein (CompassLexecon)
The Commission's TMNL / Tele 2 NL Decision: Another Twist to the MNO
Merger Tale

14 February 2019

Andreas Hartl (Federal Ministry of Economic Affairs and Energy)
The AI Strategy of the German Government

Annex

In this Annex, we include the program of all MaCCI events organized in 2019.

MaCCI Law & Economics Conference on Intellectual Property Proceedings

Mannheim, 14/15 November 2019

Conference venue: ZEW, L 7, 1, 68161 Mannheim, Room Brussels

PROGRAM

Thursday, 14 November 2019

1:00	Welcome Address <i>Bernhard Ganglmair (ZEW & MaCCI) and Lea Tochtermann (University of Mannheim & MaCCI)</i>
1:15	Panel: Trade Secrets – Valuation and Protection Session chair: Christian Rammer (ZEW) <i>Stefan Maaßen (Loschelder Rechtsanwälte) Vania Sena (University of Essex) Volker Wagner (BASF) Nathan Wajzman (EU Intellectual Property Office)</i>
2:45	Coffee Break
3:15	Panel: Proportionality of Injunctions in Patent Law Session chair: Martin Stierle (LMU Munich) <i>Kai Brandt (Audi AG) Benno Bühler (Charles River Associates) Jerôme Kommer (Quinn Emmanuel) Stefanie Mielert (Fraunhofer IIS) Peter Tochtermann (Mannheim Regional Court)</i>
4:45	Coffee Break
5:15	Keynote Lecture Unlocking Potential: IPRs as Drivers of SME Growth <i>Nathan Wajzman (EU Intellectual Property Office, Alicante, ES)</i>
7:00	Dinner (by invitation only)

Kindly supported by

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PROGRAM

Friday, 15 November 2019

09:00	Keynote Lecture Competition Lawyers: Please Take Your Tanks Off of My Lawn <i>Gary Moss (EIP Europe LLP, London, UK)</i>
10:00	Coffee Break
10:30	Panel: What is FRAND? Session chair: Bernhard Ganglmair (ZEW & MaCCI) <i>Fabian Gaessler (MPI Munich)</i> <i>Gary Moss (EIP Europe LLP, London)</i> <i>Florian Schuett (Tilburg University & TILEC)</i> <i>Claudia Tapia (Ericsson)</i>
12:00	Lunch
13:00	Panel: Using Alternative Dispute Resolution to Strike a FRAND Deal Session chair: Lea Tochtermann (University of Mannheim & MaCCI) <i>Emin Karagözoğlu (Bilkent University)</i> <i>Volkmar Henke (Eisenführ Speiser)</i> <i>Clemens Heusch (Nokia)</i> <i>Shay Lavie (Tel Aviv University)</i>
2:30	Closing Remarks

17th ZEW Conference on
The Economics of Information and Communication Technologies

with financial support from



Mannheim, June 27/28, 2019

Conference venue: ZEW, L 7, 1, 68161 Mannheim

P R O G R A M M E

Thursday, June 27, 2019

08:30 Arrival and Registration

09:00 Welcome Address

Room 1 *Irene BERTSCHEK (ZEW Mannheim, DE)*

Room 1
 09:15 – 10:45 **INVITED SESSION I: organized by Florian Stahl (University of Mannheim, DE)**

Chair: Florian STAHL

John HOWELL (Pennsylvania State University, US), Peter EBBES (HEC Paris, FR), John LICHTY and Porter JENKINS (Pennsylvania State University, US)*

Gremlins in the Data: Identifying the Information Content of Research Subjects

Room 2

Parallel Session Ia: Pricing and Consumer Behaviour

Chair: Daniel SAVELLE

William ALLENDER (Mc Master University, CA), Jura LIAUKONYOTE (Cornell University, US), Sherif NASSER (Cornell University, US) and Timothy RICHARDS (Arizona State University, US)*

Price Fairness and Strategic Obfuscation

Discussant: Henrik ORZEN (University of Mannheim, DE)



Verena *SCHOENMUELLER** (Bocconi University, IT) and Oded *NETZER* (Columbia Business School, US)

Polarized America: Going Beyond Political Partisanship to Preference Partisanship

Heiko *KARLE** and Markus *REISINGER* (Frankfurt School of Finance and Management, DE)

Excessive Targeting

Discussant: Madhav KUMAR

Vibhanshu *ABHISHEK* (University of California, US), Kinshuk *JERATH** (Columbia University, Irvine, US), Siddharth *SHARMA* (Carnegie Mellon University, US)

Information Asymmetry and Relevance of Sponsored Listings in Online Marketplaces

Madhav *KUMAR**, Dean *ECKLES* and Sinan *ARAL* (MIT, Cambridge, US)

Discount Bundling via Dense Product Embeddings

Discussant: Daniel *SAVELLE* (University of Mannheim, DE)

10:45 – 11:15

Coffee Break (Room Europe)

11:15 – 12:15

Room 1

Parallel Session IIa: Social Networks

Chair: Anna *KERKHOF*

Felix RUSCHE (Center of Evaluation and Development, DE) and *Olga SLIVKO** (ZEW Mannheim, DE)

The Role of Emotions for Information Diffusion: Evidence from German Political Twitter

Discussant: Marcel *GARZ*

Room 2

Parallel Session IIb: Digital Media and Advertising I

Chair: Leonardo *MADIO*

*Leonardo MADIO** (CORE, Université Catholique de Louvain, BE) and *Martin QUINN* (Telecom Paris and CVPIP, FR)

User-Generated Content, Strategic Moderation, and Advertising

Discussant: Gokhan *GECER*

Room Luxemburg

Parallel Session IIc: Platform Governance

Chair: Heiko *KARLE*

*Tat-How TEH** (National University of Singapore)

Platform Governance

Discussant: Heiko *KARLE*

*Marcel GARZ** (Jönköping International Business School, SWE), *Jil SÖRENSEN* (Hamburg Media School and University of Hamburg, DE) and *Daniel F. STONE* (Bowdoin College, US)

Partisan Selective Engagement: Evidence from Facebook

Discussant: Anna *KERKHOF*

*Gokhan GECER** (University of Mannheim, DE), *Florian KRAUS* (University of Mannheim, DE) and *Pinar YILDIRIM* (University of Pennsylvania, US)

Allow or Block: Optimal Strategies Against Ad-Blockers in Competitive Markets

Discussant: Leonardo *MADIO*

*Otto KÄSSI** and *Vili Lehdonvirta* (Oxford Internet Institute, UK)

Do Digital Skill Certificates Help New Workers Enter the Market? Evidence from an Online Labour Platform

Discussant: Steffen *VIETE* (ZEW Mannheim, DE)

12:15 – 13:15

Lunch Break (Room Europe and Foyer)



13:15 – 14:30

Catherine TUCKER (MIT, Cambridge, USA)

Room

Keynote: Algorithmic Bias: The Role of Economics

Luxemburg

Chair: Irene BERTSCHEK (ZEW Mannheim, DE)

14:30 – 15:00

Coffee Break (Room Europe)

15:00 – 16:30

Room 1

Parallel Session IIIa: Sharing Economy

Chair: Meng LIU

Room 2

Parallel Session IIIb: Artificial Intelligence

Chair: Michael WARD

Room Luxemburg

Parallel Session IIIc: Digitization and Market Structure

Chair: Ulrich LAITENBERGER

Meng LIU (Washington University in St. Louis and MIT, US), Erik BRYNJOLFSSON (MIT and NBER, US) and Jason DOWLATABADI (Uber Technologies, US)*

Do Digital Platforms Reduce Moral Hazard? The Case of Uber and Taxis

Discussant: Apostolos FILIPPAS

Emilio CALVANO (Bocconi University, IT, and Toulouse School of Economics, FR), Giacomo CALZOLARI (European University Institute, IT, Toulouse School of Economics, FR, and CEPR), Vincenzo DENICOLA (Bologna University and CEPR, IT) and Sergio PASTORELLO (Bologna University, IT)*

Artificial Intelligence, Algorithmic Pricing and Collusion

Discussant: Nicolas SCHUTZ (University of Mannheim, DE)

Ryan HAWTHORNE (University of Cape Town, South Africa) and Lukasz GRZYBOWSKI (T el ecom Paris FR)*

Benefits of Regulation vs. Competition Where Inequality is High: The Case of Mobile Telephony in South Africa

Discussant: Lorien SABATINO

Apostolos FILIPPAS (Fordham University, US) John J. HORTON (MIT, US) and Richard ZECKHAUSER (Harvard University, US)*

Owning, Using and Renting: Some Simple Economics on the “Sharing Economy”

Discussant: Davide PROSERPIO

Grazia CECERE (Institut Mines-Telecom Business School, FR), Clara JEAN (Epitech, FR), Matthieu MANANT (University of Paris-Sud, FR) and Catherine TUCKER (MIT, US)*

Computer Algorithms Prefer Headless Women

Discussant: Xiang HUI

Joe LAMESCH and Axel GAUTIER (University of Liege, BE)*

Mergers in the Digital Economy

Discussant: Niklas D URR (ZEW Mannheim, DE)



*Kyle BARRON (NBER), Edward KUNG (UCLA) and
Davide PROSERPIO* (University of Southern
California, US)*

**The Sharing Economy and Housing
Affordability: Evidence from Airbnb**

Discussant: Meng LIU

*Erik BRYNJOLFSSON (MIT and NBER, US),
Xiang HUI* (Washington University in St. Louis
and MIT, US) and Meng LIU (Washington
University and MIT, US)*

**Does Machine Translation Affect
International Trade? Evidence from a Large
Digital Platform**

Discussant: Michael WARD

Lorien SABATINO (Politecnico di Torino, IT)
and Geza SAPI (DICE, DE)*

**Online Privacy and Market Structure: Theory
and Evidence**

Discussant: Ulrich LAITENBERGER (Télécom
Paris, FR)

16:30 – 17:00

Coffee Break (Room Europe)

Room 1

17:00 – 18:00

Parallel Session IVa: shifted to Session IIc

Chair:

**Shifted to Parallel Session IIc
11:15 to 12:15 Room Luxemburg
Presenter Otto KÄSSI and
Tat-How TEH**

Room 2

Parallel Session IVb: shifted on Friday Session VIIa

Chair:

**Shifted to Parallel Session VIIa on
Friday 15:15 to 16:30 Room 2
Presenter Michael WARD,
Joel WALDFOGEL and
Xiaomeng CHEN**

ca. 18:15

Meeting at ZEW, Departure by Bus

Conference Dinner in Weinheim / Wachenburg

	Room 1	Room 2
09:00 – 10:30	<p>Parallel Session Va: Digital Media and Advertising II</p> <p>Chair: Dominik REHSE</p> <p><i>Shun Yao YAN*</i>, <i>Klaus MILLER</i> and <i>Bernd SKIERA</i> (Goethe University of Frankfurt, DE)</p> <p>Do Ads Harm News Consumption?</p> <p>Discussant: Dainis ZEGNERS</p>	<p>Parallel Session Vb: Incentives and Contributions on Digital Platforms</p> <p>Chair: Joel WALDFOGEL</p> <p><i>Nico NEUMANN*</i> (Melbourne Business School), <i>Catherine TUCKER</i> (MIT) and <i>Timothy WHITFIELD</i> (GroupM)</p> <p>How Effective Is Third-Party Consumer Profiling And Audience Delivery? Evidence from Field Studies</p> <p>Discussant: Idris ADJERID</p>
	<p><i>Anna KERKHOF*</i> (University of Cologne, DE)</p> <p>Advertising and Content Differentiation: Evidence from YouTube</p> <p>Discussant: Shun Yao YAN</p>	<p><i>Christos GENAKOS*</i> (University of Cambridge, UK), <i>Costas Roumanias</i> (Athens University) and <i>Tommaso Valletti</i> (Imperial College, London, UK)</p> <p>Is Having an Expert “Friend” Enough? An Analysis of Consumer Switching Behaviour in Mobile Telephony</p> <p>Discussant: Chris FORMAN</p>
	<p><i>Markus DERTWINKEL-KALT</i> (Frankfurt School of Finance and Management, DE), <i>Johannes MUENSTER</i> (University of Cologne, DE) and <i>Dainis ZEGNERS*</i> (Erasmus University, NL)</p> <p>If it Bleeds, it Leads: Attention and Negativity in Online News</p> <p>Discussant: Dominik REHSE (ZEW Mannheim, DE)</p>	<p><i>Miguel GODINHO de MATOS</i> (Catolica Lisbon PT) and <i>Idris Adjerid*</i> (Virginia Tech)</p> <p>Consumer Behavior and Firm Targeting after GDPR</p> <p>Discussant: Joel WALDFOGEL</p>
10:30 – 11:00	Coffee Break (Room Europe)	

	Room 1	Room 2	Room Luxemburg
11:00 – 12:30	<p>Parallel Session VIa: Digitization and Innovation</p> <p>Chair: Christian PEUKERT</p> <p><i>Esma KOCA*</i>, <i>Tommaso VALLETTI</i> and <i>Wolfram WIESEMANN</i> (Imperial College Business School, London, UK)</p> <p>Designing Digital Rollovers: Managing Obsolescence with Release Time</p> <p>Discussant: Benjamin LEYDEN</p>	<p>Parallel Session VIb: Crowdsourcing</p> <p>Chair: Grazia CECERE</p> <p><i>Jens FOERDERER*</i> and <i>Armin HEINZL</i> (University of Mannheim, DE)</p> <p>Leadership as an Incentive to Contribute to Online Community Projects: Regression Discontinuity Evidence</p> <p>Discussant: Marit HINNOSAAR</p>	<p>Parallel Session VIc: Firms and Digital Transformation</p> <p>Chair: Mary O'MAHONY</p> <p><i>Jacques BUGHIN</i> (McKinsey & Company, BE), <i>Tobias KRETSCHMER</i> (ISTO, LMU Munich, DE) and <i>Nicolas van ZEEBROECK*</i> (Université Libre de Bruxelles, BE)</p> <p>Experimentation, Learning and Stress. The Role of Digital Technologies in Strategy Change</p> <p>Discussant: Richard KNELLER</p>
	<p><i>Jan KRÄMER</i> (University of Passau) and <i>Oliver ZIERKE*</i> (University of Passau, DE)</p> <p>Platform Neutrality and Content Quality: The Impact of App Stores' Ranking Policies on App Quality</p> <p>Discussant: Esma KOCA</p>	<p><i>Marit HINNOSAAR*</i>, <i>Toomas HINNOSAAR</i> (Collegio Carlo Alberto, IT), <i>Michael KUMMER</i> (University of East Anglia, UK) and <i>Olga SLIVKO</i> (ZEW Mannheim, DE)</p> <p>Externalities in Knowledge Production: Evidence from a Randomized Field Experiment</p> <p>Discussant: Aniko OERY</p>	<p><i>Timothy DeSTEFANO*</i>, (OECD), <i>Nick JOHNSTONE</i> (International Energy Agency, FR), <i>Richard KNELLER</i> and <i>Jonathan TIMMIS</i> (University of Nottingham, UK)</p> <p>Are Traditional Policy Tools Conducive to Cloud Adoption?</p> <p>Discussant: Thomas NIEBEL (ZEW Mannheim, DE)</p>
	<p><i>Benjamin LEYDEN*</i> (Cornell University, US)</p> <p>There's an App (Update) for That: Understanding Product Updating Under Digitization</p> <p>Discussant: Christian PEUKERT (Catolica Lisbon, PT)</p>	<p><i>Joyee DEB</i>, <i>Aniko OERY*</i> and <i>Kevin R. WILLIAMS</i> (Yale University, US)</p> <p>Aiming for the Goal: Contribution Dynamics of Crowdfunding</p> <p>Discussant: Grazia CECERE</p>	<p><i>Timothy DeSTEFANO</i> (OECD), <i>Richard KNELLER*</i> and <i>Jonathan TIMMIS</i> (University of Nottingham, UK)</p> <p>ICT and Capital Saving Technical Change</p> <p>Discussant: Mary O'MAHONY (King's College, UK)</p>
12:30 – 13:30	Lunch Break (Room Europe and Foyer)		

13:30 – 14:45	<i>Liran EINAV (Stanford University, USA)</i>	
Room Luxemburg	Keynote II: Learning about Consumers and Markets using Internet Data	
	Chair: Martin PEITZ (University of Mannheim and ZEW, DE)	
14:45 – 15:15	Coffee Break (Room Europe)	
15:15 – 16:30	Room 1	Room 2
	Invited Session II: Platforms organized by Martin PEITZ (University of Mannheim and ZEW, DE)	Parallel Session VIIa: Digital Media
	Chair: Martin PEITZ	Chair: Christian HELMERS
	<i>Julian WRIGHT* (National University of Singapore) and Andrei Hagiu (Boston University, US)</i>	<i>Michael WARD* (University of Texas at Arlington, US and ZEW)</i>
	Competition with Data-Enabled Learning	The Long Tail in Online Books: Evidence from the Closing of Borders Bookstores
		Discussant: Imke REIMERS (Northeastern University, US)
	<i>Simon ANDERSON (University of Virginia, US) and Martin PEITZ* (University of Mannheim and ZEW, DE)</i>	<i>Imke Reimers (Northeastern University) and Joel Waldfogel* (University of Minnesota, US and ZEW)</i>
	Media See-saws: Winners and Losers in Platform Markets	Wisdom or the Crowd: Digitization and the Impacts of Elite and Crowd Reviews on Product Sales
		Discussant: Christian HELMERS (Santa Clara University, US)
		<i>Xiaomeng CHEN* (Cornell University, US), Chris FORMAN (Cornell University, US) and Michael KUMMER (University of East Anglia, UK)</i>
		Chat More and Contribute Better: An Empirical Study on Knowledge-based Community
		Discussant: nn
16:30	End of Conference	

2019 MaCCI Summer Institute in Competition Policy**Burgellern bei Scheßlitz****Program****Monday, June 17**

Time for Collaborative Research

1-2pm **Lunch**

Time for Collaborative Research

3-3.25pm **Coffee Break**

Time for Collaborative Research

3.25pm **Welcome**

3.30pm **Session I** (*Chair: Mike Riordan*)

Michelle Sovinsky: Legally High? Access, Dynamics and Complementarities among Sin Goods

Discussant: Ali Yurukoglu

5pm **Power Session I** (*Chair: Martin Peitz*)

Volker Nocke: Merger Remedies in Multimarket Oligopoly

Konrad Stahl: Mergers and Remedies in Europe: A Provisional Analysis

7.30pm **Dinner**

Tuesday, June 18

7.30-9am **Breakfast**

9am **Session II:** (*Chair:* Liana Jacobi)

David Byrne: *Price Discrimination, Search, and Negotiation in an Oligopoly: A Field Experiment in Retail Electricity*

Discussant: Helena Perrone

10.30-11am **Coffee Break**

Time for Collaborative Research

12.30pm **Lunch**

Time for Collaborative Research

3.30-4pm **Coffee Break**

Time for Collaborative Research

6.00pm **Power Session II** (*Chair:* Joe Harrington)

Massimo Motta: *Acquisition of a Potential Competitor: Analysis, Effects, Policy*

Fiona Scott-Morton: *Testing the Theory of Common Stock Ownership*

7.30pm **Dinner**

Wednesday, June 19

7.30-9am **Breakfast**

9am **Session III** (*Chair:* Emanuele Tarantino)

Simon Anderson: *Price Discrimination in the Information Age: Prices, Poaching, and Privacy with Personalized Targeted Discounts*

Discussant: Mike Riordan

10.30-11am **Coffee Break**

Time for Collaborative Research

12.30pm **Lunch**

Time for Collaborative Research

3.30-4pm **Coffee Break**

Time for Collaborative Research

6pm **Power Session III** (*Chair: Eleftheria Triviza*)

André Stenzel: *Consumer Rating Dynamics*

Heski Bar-Isaac: *On Search and Showrooming*

7.30pm **Dinner**

Thursday, June 20

7.30-9am **Breakfast**

9am **Session IV** (*Chair: Michelle Sovinsky*)

Daniel Ershov: *Mergers in a Model with Complementarity*

Discussant: Laura Grigolon

10.30-11am **Coffee Break**

Time for Collaborative Research

12.30pm **Lunch**

Time for Collaborative Research

3.30-4pm **Coffee Break**

Time for Collaborative Research

6pm **Session V** (*Chair: Volker Nocke*)

Steve Tadelis: *Price Salience and Product Choice*

Discussant: Joe Harrington

7.30pm **Dinner**

Friday, June 21

7 – 8.30am **Breakfast**

8.30am **Power Session IV** (*Chair: Anton Sobolev*)

Emanuele Tarantino: *Bank Mergers, Credit Supply and Financial Stability: Evidence from the Spanish Banking Sector Restructuring Program*

Jeanine Miklos-Thal: *Pass-through as an Economic Tool – The Effects of Finite Changes in Exogenous Quantity*

10-10.30am **Coffee Break**

10.30am-12pm **Session VI** (*Chair: Konrad Stahl*)

Justin Johnson: *Multiproduct Mergers with Quality Competition*

Discussant: Nicolas Schutz

Time for Collaborative Research

12pm **Lunch**

Time for Collaborative Research

Departure

Timing

Regular Sessions

- Presenters: 60mins
- Discussants: 15mins
- Audience: 15mins

Power Sessions

- Presenters: 30mins
- Audience: 15mins

CALL FOR PAPERS

// NINTH EDITION OF THE

CISS – COMPETITION AND
INNOVATION SUMMER SCHOOL27 – 31 MAY 2019, ULCINJ
(MONTENEGRO)

This summer school offers young researchers in the fields of innovation and competition economics the opportunity to discuss their dissertation projects in great detail within a group of experienced and renowned scholars, as well as other PhD students and postdoctoral researchers, in an inspiring environment.



SCIENTIFIC PROGRAMME

The programme of the summer school features lectures that provide students with a detailed understanding of current topics of innovation, the economics of science and intellectual property rights, empirical competition analysis, and contemporary issues surrounding theories of industrial organisation. Students' presentations as well as workshops on research methodologies will take place in the afternoon.



SPEAKERS

Bernhard Ganglmair (ZEW Mannheim and MaCCI, DE) · **Dirk Czarnitzki** (KU Leuven, BE) · **Gaétan de Rassenfosse** (EPFL, CH) · **Thorsten Doherr** (ZEW Mannheim, DE) · **Paul Heidhues** (DICE, Heinrich Heine University Düsseldorf, DE) · **Adam Jaffe** (Brandeis University, US) · **Georg Licht** (ZEW Mannheim and MaCCI, DE) · **Martin Peitz** (University of Mannheim and MaCCI, DE) · **Orion Penner** (EPFL, CH) · **Helena Perrone** (University of Mannheim, DE) · **Bettina Peters** (ZEW Mannheim and MaCCI, DE, and University of Luxembourg, LU) · **Cédric Schneider** (Copenhagen Business School, DK) · **Jo Seldeslachts** (KU Leuven, BE, and DIW Berlin, DE) · **Joel Stiebale** (DICE, Heinrich Heine University Düsseldorf, DE) · **Andrew Toole** (U.S. Patent and Trademark Office, US) · **Reinhilde Veugelers** (KU Leuven, BE)



SUBMISSION DEADLINE: 8 March 2019



ACCEPTANCE OF APPLICATION: 18 March 2019

Please submit an extended abstract of the paper you wish to present, a letter of recommendation from your PhD supervisor and your CV to: registration@euro-ciss.eu
For more information please visit our website: www.euro-ciss.eu

KU LEUVEN

Registration fee: The registration fee is 500 euros and covers accommodation (single or double room), lunch and dinner expenses, access to lectures and workshops, and materials distributed to participants. Travel and other expenses are not included. Complimentary transportation from/to the airport to/from the venue will be provided on arrival (Sunday, 26 May) and departure (Saturday, 1 June) days.



CISS will take place at Velika Plaža (Long Beach) in Ulcinj, Montenegro. This sandy beach is 12 kilometres long, making it the longest beach in Montenegro and one of the longest in Europe. Lectures will take place at Otrant Hotel – Beach Resort; students are accommodated directly next to the venue (Panorama Hotel). The venue can be reached via Podgorica or Tivat airport. For further information on the workshop location please visit: <http://www.ulcinj.travel/en/>



8th ZEW/MaCCI Conference on the Economics of Innovation and Patenting

Mannheim, 16-17 May 2019

Conference venue: ZEW, L 7, 1, 68161 Mannheim

PROGRAMME

Thursday, May 16, 2019

09:00	Arrival and Registration
09:30	Room Brussels Welcome Address <i>Georg Licht, ZEW</i>
09:45 – 10:45	Room Brussels Keynote: Measuring Artificial Intelligence <i>DIETMAR HARHOFF, Max Planck Institute for Innovation and Competition, Munich</i> Chair: Georg Licht, ZEW
10:45 – 11:00	Coffee Break
11:00 – 12:30	Parallel Sessions I (see below for details)
12:30 – 13:30	Lunch
13:30 – 15:00	Parallel Sessions II (see below for details)
15:00 – 15:30	Coffee Break
15:30 – 16:45	Room Brussels Invited Session: Innovation and Public Procurement Public Procurement of Innovation: Rationale, Design and Impact <i>ELISABETA IOSSA, University of Rome Tor Vergata and GREEN-Bocconi</i> Procuring Innovation: A European Legislative Reform <i>DIRK CZARNITZKI, KU Leuven and ZEW</i> Chair: Bettina Peters, ZEW
16:45 – 17:00	Coffee Break
17:00 – 18:30	Parallel Sessions III (see below for details)
18:45	Bus Trip to Conference Dinner (Meeting Point: 18:45 ZEW Foyer)
19:30	Conference Dinner at Castle Wachenburg, Weinheim (http://www.wachenburg.de)

8th ZEW/MaCCI Conference on the Economics of Innovation and Patenting

Mannheim, 16-17 May 2019

Conference venue: ZEW, L 7, 1, 68161 Mannheim

PROGRAMME

Friday, May 17, 2019

09:00 – 11:00	Parallel Sessions IV (see below for details)
11:00 – 11:20	Coffee Break
11:20 – 12:30	<p>Room Brussels</p> <p>Invited Session: Artificial Intelligence and Big Data in Innovation Research</p> <p>Building an Amazon.com for Data <i>JULIA LANE, New York University</i></p> <p>Using Machine Learning to Study and Support Innovation: Motivation, Methods and Examples <i>JUAN MATEOS-GARCIA, NESTA, London</i></p> <p>Chair: Sandra Gottschalk, ZEW</p>
12:30 – 13:30	Lunch
13:30 – 15:00	Parallel Sessions V (see below for details)
15:00 – 15:20	Coffee Break
15:20 – 16:20	<p>Room Brussels</p> <p>Keynote: FRAND and Patent Damages <i>TIM SIMCOE, Boston University</i></p> <p>Chair: Bernhard Ganglmair, ZEW</p>
16:20	Concluding Remarks <i>Bettina Peters, ZEW</i>
16:30	Farewell Drinks and Pretzels
18:00	Optional: Trip to Heidelberg

11:00 – 12:30 Parallel Session I

Room Brussels	Room 1	Room 2	Heinz-Koenig-Hall (HHK)
I.A: EU Innovation Policy Chair: Rainer Widmann (MPI for Innovation and Competition)	I.B: IPRs Chair: Christian Helmers (Santa Clara University)	I.C: Science 1 Chair: Fabian Gaessler (MPI for Innovation and Competition)	I.D: Inventors, Firm Size & Innovation Chair: Annette Becker (TU Munich)
Innovation Performance and Signal Effect: Quasi-Experimental Evidence from European Program <i>Nadine Levratto (EconomiX-CNRS) and Aurelien Quignon (EconomiX-CNRS)</i> Discussant: Ilia Samarin (Ghent University)	Visibility of Technology and Cumulative Innovation: Evidence from Trade Secrets Laws <i>Bernhard Gangelmair (ZEW, MaCCI & University of Mannheim), Imke Reimers (Northeastern University)</i> Discussant: Paul Hünermund (Maastricht University)	Publish or Perish: Selective Attrition as an Unifying Explanation for Patterns in Innovation Over the Career <i>Huifeng Yu (University at Albany), Gerald Marschke (University at Albany), Matthew Ross (New York University), Joseph Staudt (U.S. Census Bureau), Bruce Weinberg (Ohio State University & NBER)</i> Discussant: Stefano Baruffaldi (University of Bath)	Incubators, Innovation and Productivity <i>Olof Ejeremo (Lund University & CIRCLE)</i> Discussant: Richard Bräuer (IWH Halle)
Innovation, Subsidies and Heterogeneity in Firm Performance: Evidence from Horizon 2020 <i>Klaas Mulier (Ghent University), Ilia Samarin (Ghent University)</i> Discussant: Øivind A. Nilsen (Norwegian School of Economics)	Post-Grant Review, Invalidation, and Subsequent Patenting <i>Markus Nagler (LMU Munich), Stefan Sorg (MPI for Innovation and Competition)</i> Discussant: Alan Marco (Georgia Tech)	Truly Legendary Freedom: Funding, Incentives, and the Productivity of Scientists <i>Matthias Wilhelm (LMU Munich)</i> Discussant: Felix Poege (MPI for Innovation and Competition)	The Importance of Tacit Knowledge: Dynamic Inventor Activity in the Commercialization Phase <i>Per Maurseth (Norwegian School of Management), Roger Svensson (IFN Stockholm)</i> Discussant: Pere Arqué-Castells (Northwestern University)

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The Geographic Proximity to European Commission and the Likelihood to be Granted with a Subsidy from EU

Cem Ermagan (KU Leuven) and Dirk Czarnitzki (KU Leuven & ZEW), Peter Teirlinck (KU Leuven)

Discussant: Rainer Widmann (MPI for Innovation and Competition)

Submarine Trademarks

Carsten Fink (WIPO), Andrea Fosfuri (Bocconi University), Christian Helmers (Santa Clara University), Amanda F. Myers (USPTO)

Discussant: Imke Reimers (Northeastern University)

Science Quality and the Value of Inventions

Fabian Gaessler (MPI for Innovation and Competition), Dietmar Harhoff (MPI for Innovation and Competition), Stefano Baruffaldi (MPI for Innovation and Competition), Felix Poege (MPI for Innovation and Competition)

Discussant: Elodie Carpentier (GREThA, CNRS & University of Bordeaux)

Labor Division in R&D? Firm Size and Specialization in Corporate Research

Annette Becker (TU Munich), Hanna Hottenrott (TU Munich)

Discussant: Jeroen Van den Bosch (KU Leuven)

13:30 – 15:00 Parallel Session II

<p>Room Brussels II.A: Public Research Institutes Chair: Maikel Pellens (Ghent University & ZEW)</p>	<p>Room 1 II.B: Patent System Chair: Alexander Donges (University of Mannheim)</p>	<p>Room 2 II.C: International Markets & Innovation Chair: Hanna Hottenrott (TU Munich)</p>	<p>Heinz-Koenig-Hall (HHK) II.D: Web Mining, Deep Learning & Innovation Chair: Jan Kinne (ZEW & University of Salzburg)</p>
<p>Do Companies Benefit from Public Research Organizations? The Impact of the Fraunhofer Society in Germany <i>Diego Comin (Dartmouth College), Georg Licht (ZEW), <u>Maikel Pellens</u> (Ghent University & ZEW), Torben Schubert (Lund University)</i> Discussant: Matthias Wilhelm (LMU Munich)</p>	<p>Strategic Citation: A Reassessment <i>Jeffrey Kuhn (University of North Carolina), Kenneth Younge (EPFL), <u>Alan Marco</u> (Georgia Tech)</i> Discussant: Alexander Donges (University of Mannheim)</p>	<p>Spillovers from International Knowledge Activities <i>Spyros Arvanitis (KOF ETH Zurich), <u>Florian Seliger</u> (KOF ETH Zurich), Martin Wörter (KOF ETH Zurich)</i> Discussant: Bastian Krieger (ZEW)</p>	<p>Firm Website Characteristics and Firm Innovativeness - Which Website Characteristics can Identify whether a Firm is Innovative? <i><u>Janna Axenbeck</u> (ZEW)</i> Discussant: Lorenz Brachtendorf (MPI for Innovation and Competition)</p>
<p>The Innovation Effect of the Introduction of Universities of Applied Sciences: Interdependencies Between Different Types of Research Institutions <i><u>Patrick Lehnert</u> (University of Zurich), Curdin Pfister (University of Zurich), Dietmar Harhoff (MPI for Innovation and Competition), Uschi Backes-Gellner (University of Zurich)</i> Discussant: Elizabeth Webster (Swinburne University of Technology)</p>	<p>Universal Intellectual Property Rights: Too Much of a Good Thing? <i>Emmanuelle Auriol (Toulouse School of Economics), <u>Sara Biancini</u> (Université de Cergy-Pontoise), Rodrigo Paillacar (Université de Cergy-Pontoise)</i> Discussant: Emanuele Tarantino (University of Mannheim)</p>	<p>Competition from China in the Product and Factor Markets and Innovation in Germany <i>Philipp Böing (Peking University & ZEW), Loren Brandt (University of Toronto), <u>Pierre Mohnen</u> (Maastricht University), Elisabeth Müller (German Graduate School of Management and Law)</i> Discussant: Hanna Hottenrott (TU Munich)</p>	<p>Predicting Innovative Firms using Web Mining and Deep Learning <i><u>Jan Kinne</u> (ZEW & University of Salzburg), David Lenz (Justus-Liebig-University Gießen)</i> Discussant: Hector de Wazières (Télécom ParisTech & Dauphine University)</p>
<p>Knowledge Lost in Capital <i><u>Stefano Baruffaldi</u> (University of Bath), Fabian Gaessler (MPI for Innovation and Competition)</i> Discussant: Maikel Pellens (Ghent University & ZEW)</p>	<p>The Consequences of Radical Patent-Regime Change <i><u>Alexander Donges</u> (University of Mannheim), Felix Selgert (University of Bonn)</i> Discussant: Markus Nagler (LMU Munich)</p>	<p>Defining and Measuring the Innovativeness of Firms <i><u>Giuliana Battisti</u> (University of Warwick), Paul Stoneman (University of Warwick)</i> Discussant: Pierre Mohnen (Maastricht University)</p>	<p>Deep Learning, Deep Change? Mapping the Development of the Artificial Intelligence General Purpose Technology <i>Joel Klinger (Nesta), <u>Juan Mateos-Garcia</u> (Nesta), Konstantinos Stathoulopoulos (Nesta)</i> Discussant: Jan Kinne (ZEW & University of Salzburg)</p>

17:00 – 18:30 Parallel Session III

<p>Room Brussels III.A: R&D Policy 1 Chair: Paul Hünermund (Maastricht University)</p>	<p>Room 1 III.B: Standards Chair: Gaéтан de Rassenfosse (EPFL)</p>	<p>Room 2 III.C: Technology Transfer Chair: Patrick Lehnert (University of Zurich)</p>	<p>Heinz-Koenig-Hall (HHK) III.D: Start-ups & Innovation Chair: Lorna Syme (Frankfurt School of Finance and Management)</p>
<p>The Effect of Government Research Grants on Firm Innovation: Theory and Evidence from Austria <i>Rainer Widmann (MPI for Innovation and Competition)</i> Discussant: Roger Svensson (IFN Stockholm)</p>	<p>Approximating the Standard Essentiality of Patents – A Semantics-Based Analysis <i>Lorenz Brachtendorf (MPI for Innovation and Competition), Fabian Gaessler (MPI for Innovation and Competition), Dietmar Harhoff (MPI for Innovation and Competition)</i> Discussant: Maddalena Agnoli (MINES ParisTech)</p>	<p>Public University Research Funding and local University-Firm Cooperation: An Analysis of the German Excellence Initiative <i>Bastian Krieger (ZEW)</i> Discussant: Fabian Gaessler (MPI for Innovation and Competition)</p>	<p>Using AI to Analyze and Predict the Success of Startups When Raising Funds Based on the Characteristics of Their Previous Investors <i>Hector de Wazières (Télécom ParisTech & Dauphine University), Jean-Michel Dalle (Sorbonne Université), Clément Gastaud (Sorbonne Université)</i> Discussant: Marius Berger (ZEW)</p>
<p>Effectiveness and Efficacy of R&D Subsidies: Estimating Treatment Effects with One-sided Noncompliance <i>Philipp Boeing (Peking University & ZEW), Bettina Peters (ZEW, MaCCI & University of Luxembourg)</i> Discussant: Jordi Jaumandreu (Boston University & CEPR)</p>	<p>The Effect of Standardization on Innovation: A Machine Learning Approach <i>Maddalena Agnoli (MINES ParisTech), Petyo Bonev (Swiss Institute for Empirical Economic Research)</i> Discussant: Justus Baron (Northwestern University)</p>	<p>Do University-Industry Collaborative Research Grants Have an Effect on the Industry Partners? <i>Paul Jensen (University of Melbourne), Alfons Palangkaraya (Swinburne University of Technology), Russell Thomson (Swinburne University of Technology), Elizabeth Webster (Swinburne University of Technology)</i> Discussant: Nicolas Carayol (GREThA, CNRS & University of Bordeaux)</p>	<p>Can Owner-Inventors Help Capture Digital Opportunities in Young Firms? <i>Lorna Syme (Frankfurt School of Finance and Management), Elisabeth Müller (German Graduate School of Management and Law)</i> Discussant: Hans Lööf (KTH Stockholm)</p>
<p>The Impact of Internationally Co-Funded Public Technology Transfer Programs on Academic Productivity, Collaboration, and Commercialization <i>Paul Hünermund (Maastricht University), Cindy Lopes Bento (Maastricht University), Maikel Pellens (Ghent University & ZEW)</i> Discussant: Aurelien Quignon (EconomiX-CNRS)</p>	<p>Joining Standards Organizations: The Role of R&D Expenditures, Patents, and Product-Market Position <i>Justus Baron (Northwestern University), Cher Li (University of Nottingham), Shukhrat Nasirov (De Montfort University)</i> Discussant: Gaéтан de Rassenfosse (EPFL)</p>	<p>Public Policy, Learning and the Evolution of Technology Transfer <i>Nicolas Carayol (GREThA, CNRS & University of Bordeaux), Elodie Carpentier (GREThA, CNRS & University of Bordeaux)</i> Discussant: Patrick Lehnert (University of Zurich)</p>	<p>Outside Board Directors and Start-Up Firms' Innovation <i>Christopher Baum (Boston College), Hans Lööf (KTH Stockholm), Andreas Stephan (Jönköping International Business School), Ingrid Viklund-Ros (KTH Stockholm)</i> Discussant: Lorna Syme (Frankfurt School of Finance and Management)</p>

09:00 – 11:00 Parallel Session IV

Room Brussels IV.A: R&D Policy 2 Chair: Christian Rammer (ZEW)	Room 1 IV.B: Technology Markets Chair: Pere Arqué-Castells (Northwestern University)	Room 2 IV.C: Research Cooperation & Networks Chair: Florian Seliger (KOF ETH Zurich)	Heinz-Koenig-Hall (HHK) IV.D: Labor Market & Innovation Chair: Bettina Peters (ZEW)
<p>The Sensitivity of R&D to Financing Constraints of Firms as Well as of Their Banks Before, During and After the Financial Crisis</p> <p><i>Marek Giebel (TU Dortmund), Kornelius Kraft (TU Dortmund)</i></p> <p>Discussant: Giuliana Battisti (University of Warwick)</p>	<p>Patent Transfers, PAEs and Seller's Innovation Activities. Evidence from the U.S.</p> <p><i>Gianluca Orsatti (University of Bordeaux), Valerio Sterzi (University of Bordeaux)</i></p> <p>Discussant: Laurie Ciaramella (MPI for Innovation and Competition)</p>	<p>Can You Know Too Much to Learn? The Relationship Btw. Internal Research Capabilities and External Knowledge for Innovation</p> <p><i>Cindy Lopes-Bento (Maastricht University), Markus Simeth (Copenhagen Business School)</i></p> <p>Discussant: Bart Leten (KU Leuven)</p>	<p>Digitization and the Demand for Physical Works: Evidence from the Google Books Project</p> <p><i>Abhishek Nagaraj (UC Berkeley), Imke Reimers (Northeastern University)</i></p> <p>Discussant: Bruce Weinberg (Ohio State University & NBER)</p>
<p>Public R&D Support and Firms' Performance</p> <p><i>Øivind A. Nilsen (Norwegian School of Economics), Arvid Raknerud (Statistics Norway), Diana Cristina Iancu (Statistics Norway)</i></p> <p>Discussant: Philipp Boeing (Peking University & ZEW)</p>	<p>On and Off the Shelf: The Licensing and Selling of Inventions by US Universities</p> <p><i>Federico Caviggioli (Politecnico di Torino), Antonio De Marco (Politecnico di Torino), Fabio Montobbio (Università Cattolica del Sacro Cuore)</i></p> <p>Discussant: Dirk Czarnitzki (KU Leuven & ZEW)</p>	<p>Coopetition, Formal and Informal Appropriation Mechanisms and the Role of Environmental Dynamism and Competition Intensity</p> <p><i>Nina Karthaus (Maastricht University), Boris Lokshin (Maastricht University), Wilko Letterie (Maastricht University)</i></p> <p>Discussant: Relinde Colen (Hasselt University)</p>	<p>Labor Supply and Automation Innovation</p> <p><i>Alexander Danzer (KU Eichstätt-Ingolstadt), Carsten Feuerbaum (KU Eichstätt-Ingolstadt), Fabian Gaessler (MPI for Innovation and Competition)</i></p> <p>Discussant: Bettina Peters (ZEW, MaCCI & University of Luxembourg)</p>

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<p>Tax Credits and Small Firm R&D Spending <i>Ajay Agrawal (University of Toronto), Carlos Rosell (Canadian Department of Finance), Timothy Simcoe (Boston University & NBER)</i> Discussant: Benjamin Balsmeier (University of Luxembourg)</p>	<p>Distance and the Timing of Licensing <i>Laurie Ciaramella (MPI for Innovation and Competition), Gaétan de Rassenfosse (Swiss Federal Institute of Technology Lausanne)</i> Discussant: Fabio Montobbio (Università Cattolica del Sacro Cuore)</p>	<p>Dynamics in European Research Networks. An Analysis of Dynamics and Transformation in the European Automotive Research <i>Patrick Wolf (ZSW Center for Solar Energy and Hydrogen Research Stuttgart), Tobias Buchmann (ZSW Center for Solar Energy and Hydrogen Research Stuttgart)</i> Discussant: Florian Seliger (KOF ETH Zurich)</p>	<p>Labour Market Reform and Innovation: Evidence from Spain <i>María García-Vega (University of Nottingham), Richard Kneller (University of Nottingham), Joel Stiebale (DICE & Heinrich Heine University Düsseldorf)</i> Discussant: Carsten Feuerbaum (KU Eichstätt-Ingolstadt)</p>
<p>R&D Tax Credits: Mechanisms of Private and Public Value <i>Benjamin Balsmeier (University of Luxembourg), Maria Kurakina (UC Berkeley), Lee Fleming (UC Berkeley), Joel Stiebale (DICE & Heinrich Heine University Düsseldorf)</i> Discussant: Christian Rammer (ZEW)</p>	<p>Measuring the Private and Social Returns to R&D: Unintended Spillovers Versus Technology Markets <i>Pere Arqué-Castells (Northwestern University), Daniel Spulber (Northwestern University)</i> Discussant: Christian Helmers (Santa Clara University)</p>		

13:30 – 15:00 Parallel Session V

Room Brussels V.A: Public Policies Chair: Cindy Lopes-Bento (Maastricht University)	Room 1 V.B: Innovation, Competition & Productivity Chair: Mark Roberts (Pennsylvania State University & NBER)	Room 2 V.C: Knowledge Diffusion Chair: Florence Blandinieres (ZEW)	Heinz-Koenig-Hall (HHK) V.D: Teams/Employees & Innovation Chair: Elisabeth Müller (German Graduate School of Management and Law)
Buyers' Role in Government R&D Procurement <i>Francesco Decarolis (Bocconi University), Gaétan de Rassenfosse (EPFL), <u>Leonardo M. Giuffrida</u> (ZEW), Elisabetta Iossa (University of Rome Tor Vergata), Vincenzo Mollisi (University of Rome Tor Vergata), Emilio Raiteri (EPFL), Giancarlo Spagnolo (SITE-Stockholm School of Economics)</i> Discussant: Gianluca Orsatti (University of Bordeaux)	The Impact of Innovation on Productivity: Profitability and Technical Efficiency <i><u>Leroen Van den Bosch</u> (KU Leuven), Bruno Cassiman (KU Leuven), Joep Konings (KU Leuven), Stijn Vanormelingen (KU Leuven)</i> Discussant: Markus Trunschke (ZEW)	A Firm Scientific Community <i>Stefano Baruffaldi (University of Bath), <u>Felix Pöge</u> (MPI for Innovation and Competition)</i> Discussant: Stijn Kelchtermans (KU Leuven)	Is Assortative Matching to Blame for Slowing Technology Diffusion? <i>Eric Bartelsman (VU Amsterdam), <u>Richard Bräuer</u> (IWH Halle)</i> Discussant: Olof Ejermo (Lund University & CIRCLE)
R&D and Market Size: Who Benefits from Orphan Drug Regulation? <i>Simona Gamba (University of Verona), <u>Laura Magazzini</u> (University of Verona), Paolo Pertile (University of Verona)</i> Discussant: Van Anh Vuong (Maastricht University)	Prices Under Innovation: Evidence from Manufacturing Firms <i><u>Jordi Jaumandreu</u> (Boston University & CEPR), Shuheng Lin (Xiamen University)</i> Discussant: Maria Garcia-Vegas (University of Nottingham)	Knowledge Diffusion Through the Patent System: Evidence from the Invention Secrecy Act <i><u>Gaétan de Rassenfosse</u> (EPFL), Gabriele Pellegrino (EPFL), Emilio Raiteri (Eindhoven University of Technology)</i> Discussant: Bernhard Gangelmair (ZEW, MaCCI & University of Mannheim)	The Effect of High-Skilled Migrant Hires and Integration Capacity on Firm-Level Innovation Performance: Is There a Premium? <i>Keld Laursen (Copenhagen Business School), <u>Bart Leten</u> (KU Leuven), Han Nguyen (Hasselt University), Mark Vancauteran (Hasselt University)</i> Discussant: Annette Becker (TU Munich)
Capabilities, Incentives, Institutions and National Innovation Performance: A Cross-Country Study <i>Xiaolan Fu (University of Oxford), <u>Jing Zhang</u> (University of Nottingham)</i> Discussant: Cindy Lopes-Bento (Maastricht University)	International Trade and Innovation Dynamics with Endogenous Markups <i>Laurent Cavenaile (University of Toronto), Pau Roldan-Blanco (Banco de Espana), <u>Tom Schmitz</u> (Bocconi University)</i> Discussant: Mark Roberts (Pennsylvania State University & NBER)	Many Are Called, Few Are Chosen: The Role of Science in Drug Development Decisions <i><u>Relinde Colen</u> (Hasselt University), René Belderbos (KU Leuven), Stijn Kelchtermans (KU Leuven), Bart Leten (KU Leuven)</i> Discussant: Florence Blandinieres (ZEW)	Teams, Interdisciplinarity and the Rising Complexity of Research <i>Nicolas Carayol (Université de Bordeaux), <u>François Maublanc</u> (Université de Bordeaux)</i> Discussant: Elisabeth Müller (German Graduate School of Management and Law)

8th Mannheim Energy Conference

Mannheim, May 6/7, 2019

Conference venue: ZEW, L 7, 1, 68161 Mannheim

PROGRAMME

Monday, May 6, 2019

09:00 – 09:45	Arrival and Registration	
09:45 – 10:00	Room Luxemburg Welcome Address <i>Martin Kesternich, ZEW Mannheim</i>	
10:00 – 11:00 Keynote Lecture	Room Luxemburg Designing Renewable Energy Support Policies for Carbon Mitigation <i>Sebastian Rausch, ETH Zurich</i> Chair: Martin Kesternich, ZEW Mannheim	
11:00 – 11:15	Coffee Break	
11:15 – 12:45	Room Luxemburg Parallel Session IA: Environmental Policies and Firm Behavior Chair: Marita Laukkanen, VATT Institute for Economic Research	Room Straßburg Parallel Session IB: Electricity Markets I Chair: Bert Willems, Tilburg University / Toulouse University
	Firms' Export Responses to Energy Price Variation <i>Damian Dussaux, MINES ParisTech, PSL University</i> Discussant: Beat Hintermann	Cournot Competition in Wholesale Electricity Markets: The Nordic Power Exchange, Nord Pool <i>Thomas Tangeras, Research Institute of Industrial Economics (IFN)</i> Discussant: Imelda
	The Impact of the EU ETS on Productivity and Markups in the German Manufacturing Sector <i>Beat Hintermann, University of Basel</i> Discussant: Marita Laukkanen	Variable Pricing and the Cost of Renewable Energy <i>Imelda, Universidad Carlos III de Madrid</i> Discussant: Bert Willems
	Energy Taxes and Manufacturing Firm Performance: Evidence from Finland's Green Tax Reform <i>Marita Laukkanen, VATT Institute for Economic Research</i> Discussant: Damian Dussaux	Multi-product Supply Function Equilibria <i>Bert Willems, Tilburg University / Toulouse University</i> Discussant: Thomas Tangeras
	12:45 – 13:30 Lunch Break	

13:30 – 14:30	Room Luxemburg	Long-Term Resource Adequacy with Intermittent Renewables <i>Frank Wolak, Stanford University</i> Chair: Sebastian Voigt, ZEW Mannheim
14:30 – 14:45	Coffee Break	
14:45 – 16:15	Room Luxemburg	Room Straßburg
	Parallel Session IIA: Emissions Trading Schemes Chair: Rüdiger Pethig, University of Siegen	Parallel Session IIB: Environmental Regulation and Power Generation Chair: Puja Singhal, Berlin School of Economics & DIW Berlin
	On the Performance of the Different Components of the EU ETS MSR <i>Michael Pahle, Potsdam Institute for Climate Impact Research</i> Discussant: Oliver Schenker	Emission Impacts of Overlapping Regulation: Interactions of Renewable Energy Promotion and Carbon Pricing <i>Mirjam Kosch, ZHAW - Zurich University of Applied Sciences</i> Discussant: Harim Kim
	Capital Tax Competition under a Centralized Emission Cap <i>Oliver Schenker, Frankfurt School of Finance & Management</i> Discussant: Rüdiger Pethig	Cleaner but Volatile Energy? The Effect of Coal Plant Retirement on Market Competition in the Wholesale Electricity Market <i>Harim Kim, University of Mannheim</i> Discussant: Puja Singhal
	Phase-out of "Coal to Power" in an ETS <i>Rüdiger Pethig, University of Siegen</i> Discussant: Michael Pahle	Are Emission Performance Standards Effective on Pollution Control? Evidence from the EU's Large Combustion Plant Directive <i>Puja Singhal, Berlin School of Economics & DIW Berlin</i> Discussant: Mirjam Kosch
16:15 – 16:30	Coffee Break	
16:30 – 17:30	Room Luxemburg	Room Straßburg
	Parallel Session IIIA: Time Series Analyses Chair: Claire Gavard, ZEW Mannheim	Parallel Session IIIB: Fracking Chair: Andrew Steck, University of Toronto
	Macroeconomic Time-Series Evidence that Energy Efficiency Improvements do not save Energy <i>Stephan Bruns, University of Hasselt</i> Discussant: Claire Gavard	Fracking and Health-Related Absenteeism of Employees <i>Nicole Wägner, DIW Berlin</i> Discussant: Andrew Steck
	Impact of International Carbon Credits on the Returns and Volatilities in Regular Emissions Trading Schemes <i>Claire Gavard, ZEW Mannheim</i> Discussant: Stephan Bruns	Learning by Viewing? Social Learning, Regulatory Disclosure, and Firm Productivity in Shale Gas <i>Andrew Steck, University of Toronto</i> Discussant: Nicole Wägner
18.15	Gathering at ZEW courtyard	
19:00	Conference Dinner at the Kulturbrauerei Heidelberg	

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PROGRAMME

Tuesday, May 7, 2019

09:00 – 09:15	Room Luxemburg Welcome Address <i>Achim Wambach, ZEW Mannheim</i>	
09:15 – 10:45	Room Luxemburg Parallel Session IVA: Household Energy Demand Chair: Lukas Tomberg, RWI – Leibniz-Institut für Wirtschaftsforschung	Room Straßburg Parallel Session IVB: Carbon Pricing Chair: Jan Abrell, ZHAW - Zurich University of Applied Sciences
	Modeling Household Fuel Choice and Use: A Multiple Discrete-continuous Choice Framework <i>Aemiro Melkami Daniel, Umeå University</i> Discussant: Teresa Randazzo	The Effects of a Carbon Tax <i>Laura Grant, Claremont McKenna</i> Discussant: Marion Leroutier
	Climate Change Impacts on Household Electricity Expenditure: The Contribution of Air Conditioning in OECD Countries <i>Teresa Randazzo, Ca' Foscari University of Venice</i> Discussant: Lukas Tomberg	The Impact of the UK Carbon Price Floor on CO₂ <i>Marion Leroutier, Paris School of Economics and CIREA</i> Discussant: Jan Abrell
	Can you make a Difference? Locus of Control Beliefs and the Voluntary Provision of Public Goods <i>Lukas Tomberg, RWI - Leibniz-Institut für Wirtschaftsforschung</i> Discussant: Aemiro Melkami Daniel	How Effective was the UK Carbon Tax? - A Machine Learning Approach to Policy Evaluation <i>Jan Abrell, ZHAW - Zurich University of Applied Sciences</i> Discussant: Laura Grant
10:45 – 11:45 Keynote Lecture	Room Luxemburg The Industrial Organization of Energy Efficiency Markets <i>Matthieu Glachant, MINES ParisTech</i> Chair: Sven Heim, MINES ParisTech & ZEW Mannheim	
11:45 – 12:45	Lunch Break	

12:45 – 14:15	Room Luxemburg	Room Straßburg
	Parallel Session VA: Energy Efficiency Chair: Boryana Madzharova, University of Erlangen-Nuremberg	Parallel Session VB: Electricity Markets II Chair: Stefan Lamp, Toulouse School of Economics
	Treatment Spillovers of Energy Efficiency Policies in the Indian Cement Sector <i>Ashish Tyagi, Frankfurt School of Finance & Management</i> Discussant: Andreas Gerster	Capacity Mechanisms and the Technology Mix in Competitive Electricity Markets <i>Pär Holmberg, Research Institute of Industrial Economics (IFN)</i> Discussant: Silvester van Koten
	Information Provision for Residential Energy Conservation <i>Andreas Gerster, University of Mannheim</i> Discussant: Boryana Madzharova	Forward Premia in Electricity Markets - an Experimental Investigation <i>Silvester van Koten, University of Economics Prague</i> Discussant: Stefan Lamp
	Subsidies for Energy Efficient Appliances: Program Design and Consumer Response <i>Boryana Madzharova, University of Erlangen-Nuremberg</i> Discussant: Ashish Tyagi	(Mis)allocation of Renewable Energy Sources <i>Stefan Lamp, Toulouse School of Economics</i> Discussant: Pär Holmberg
14:15 – 14:45	Coffee Break	
14:45 – 15:45 Keynote Lecture	Room Luxemburg	
	Beyond the Clean Power Plan: Innovations in US Climate Policy for Electricity <i>Karen Palmer, Resources for the Future</i> Chair: Ulrich Wagner, University of Mannheim & ZEW Mannheim	
15:45 – 16:00	Coffee Break	

16:00 – 17:30

Room Luxemburg

Parallel Session VIA: Electricity Markets and Technology

Chair: Christopher Roberts, KTH Royal Institute of Technology

The Economics of Reversible Power-to-Gas

Gunther Glenk, University of Mannheim & TU Munich

Discussant: Gloria Colmenares

Market-to-aggregator Portfolio Interplay

Gloria Colmenares, WWU Münster

Discussant: *Christopher Roberts*

Drivers to Renewable Energy Technologies

Christopher Roberts, KTH Royal Institute of Technology

Discussant: Gunther Glenk

Room Straßburg

Parallel Session VIB: Transport Decarbonization

Chair: Florian Landis, ETH Zurich

What Role for EV's in the Decarbonization of the Car Transport Sector in Europe?

Christina Littlejohn, ifo Institute

Discussant: Jeremy Van Dijk

The Impact of Electric Vehicle Charging Infrastructure on Electric Vehicle Adoption: Evidence from Norway

Jeremy Van Dijk, University of Neuchatel

Discussant: Florian Landis

Policy Instrument Choice with Co-Benefits: The Case of Decarbonizing Transport

Florian Landis, ETH Zurich

Discussant: Christina Littlejohn

17:30

Farewell Drinks & Pretzels

Annual Conference of the Leibniz Science Campus
MaCCI Mannheim Centre for Competition and Innovation

28th to 29th March 2019

Thursday, 28 March 2019

12:00 a.m. – 1:00 p.m.	Arrival and Registration <i>Finger Food, Coffee and Drinks</i>
1:00 p.m. – 1:15 p.m.	Welcome Martin Peitz (University of Mannheim, ZEW & MaCCI)
1:15 – 2:45 p.m.	Parallel Sessions I
2:45 – 3:15 p.m.	<i>Coffee Break</i>
3:15 – 4:45 p.m.	Parallel Sessions II
4:45 – 5:15 p.m.	<i>Coffee Break</i>
5:15 – 6:15 p.m.	Mannheim Competition Policy Forum and Keynote I: Current Issues in Competition Law and Economics (Room Brussels) Andreas Mundt (German Federal Cartel Office) Chair: Achim Wambach (University of Mannheim, ZEW & MaCCI), Room Brussels
7:00 p.m.	Conference Dinner Invitation by the MaCCI Association (<i>Please note that participation in the dinner is limited to guests who registered for the dinner in advance, presenters and discussants.</i>)

Friday, 29 March 2019

9:00 – 10:30 a.m.	Parallel Sessions III
10:30 – 11:00 a.m.	<i>Coffee Break</i>
11:00 a.m. – 12:00 p.m.	Keynote II: Data and Competition Enforcement Howard Shelanski (Georgetown University and Davis Polk & Wardwell LLP) Chair: Thomas Fetzer (University of Mannheim & MaCCI), Room Brussels
12:00 – 1:30 p.m.	<i>Lunch Break</i>
1:30 – 3:00 p.m.	Parallel Sessions IV
3:00 – 3:30 p.m.	<i>Coffee Break</i>
3:30 – 5:00 p.m.	Parallel Sessions V
5:00 p.m.	<i>Farewell</i>

Parallel sessions I

	Room Brussels	Room 1	Room 2	Room HKH
13:15-14:45	<p>(A) Product Variety</p> <p><i>Chair: Konrad Stahl (University of Mannheim, ZEW & MaCCI)</i></p> <p>Oezlem BEDRE-DEFOLIE (ESMT, European School of Management and Technology) & Simon Anderson</p> <p>Variety provision of a multiproduct monopolist</p> <p>Discussant: Armin Schmutzler</p>	<p>(B) Market Structure</p> <p><i>Chair: Helena Perrone (University of Mannheim & MaCCI)</i></p> <p>Melissa NEWHAM (DIW Berlin), Jo Seldeslachts & Albert Banal-Estanol</p> <p>Common Ownership and Market Entry: Evidence from the Pharmaceutical Industry</p> <p>Discussant: Samuel de Haas</p>	<p>(C) Innovation</p> <p><i>Chair: Georg Licht (ZEW Mannheim & MaCCI)</i></p> <p>Bernhard GANGLMAIR (ZEW Mannheim & MaCCI) & Imke Reimers</p> <p>Visibility of Technology and Cumulative Innovation: Evidence from Trade Secrets Laws</p> <p>Discussant:</p>	<p>(D) Big Data, AI, and market power</p> <p><i>This session is chaired and organized by Miriam Buiten & Thomas Fetzer</i></p> <p>This is an invited session on the topic of "Big Data, AI, and market power". The speakers</p> <p>Marco BOTTA (Max Planck Institute for Innovation and Competition)</p> <p>Heiko PAULHEIM, (University of Mannheim)</p> <p>Alexandre DE STREEL (University of Namur)</p> <p>will provide opening statements of about 20 minutes each. Afterwards, there will be about 30 minutes time for discussion.</p>
	<p>Håvard Mork SANDVIK (University of Bergen and BECCLE) & Teis L. Lømo & Frode Meland</p> <p>Product variety with competitive retail bottlenecks</p> <p>Discussant: Oezlem Bedre-Defolie</p>	<p>Nicolas ESCHENBAUM (Universität St Gallen)</p> <p>Estimating Geographic Market Size Nonparametrically: An Application to Grocery Retailing</p> <p>Discussant: Huanxing Yang</p>	<p>Masahito AMBASHI (Economic Research Institute for ASEAN and East Asia), Pierre Regibeau & Katharine Rockett</p> <p>Grantbacks, Territorial Restraints, and Innovation</p> <p>Discussant: Andreas Panagopoulos</p>	
	<p>Armin SCHMUTZLER (University of Zurich and CEPR), Andreas Hefti & Shuo Liu</p> <p>Confusion, Indecisiveness and Polarization</p> <p>Discussant: Håvard Mork Sandvik</p>	<p>Samuel DE HAAS (Justus-Liebig-Universität Gießen), Daniel Herold & Jan Schäfer</p> <p>Entry deterrence due to brand proliferation: Empirical evidence from the German interurban bus industry</p> <p>Discussant: Sven Heim (Mines Paris Tech)</p>	<p>Andreas PANAGOPOULOS (University of Crete) & In-Uck Park</p> <p>Patents, Trade Secrets and the Diffusion of Innovations</p> <p>Discussant: Masahito Ambashi</p>	

Thursday, 28 March 2019

Parallel sessions II

	Room Brussels	Room 1	Room 2	Room HKH
15:15-16:45	(A) Digital <i>Chair: Dominik Rehse (ZEW Mannheim & MaCCI)</i>	(B) Empirical Approaches in IO <i>Chair: Emanuele Tarantino (University of Mannheim & MaCCI)</i>	(C) Mergers <i>Chair: Bernhard Ganglmair (ZEW Mannheim & MaCCI)</i>	
	Vicente LAGOS (Télécom Paris Tech), Ángela Muñoz & Christine Zulehner Gender-specific benefits from ride-hailing apps: Evidence from Uber's entry in Chile Discussant: Helena Perrone (University of Mannheim & MaCCI)	Sven HEIM (Mines Paris Tech) Asymmetric cost-pass through and consumer search: empirical evidence Discussant: Daniel Herrera	Michael HELLWIG (ZEW Mannheim & MaCCI) & Dominik Schober Acquisitions in Markets with Frictions? The German Electricity Distribution Sector Discussant: Nicolas Eschenbaum	
	Aliz McLEAN (Infrapont Economic Consulting), Gergely Csorba, Zoltán Pápai & Péter Nagy Competition policy issues in mobile network sharing: a European perspective Discussant: Matej Bajgar	Jan SCHÄFER (Justus-Liebig-Universität Gießen), Daniel Herold & Georg Goetz Stationary Trade and Experience Goods The Case of Books Discussant: Martin Hud (ZEW Mannheim & MaCCI)	Jose MORAGA (Vrije Universiteit Amsterdam and University of Groningen), Evgenia Motchenkova & Saish Nevrekar Mergers and Innovation Portfolios Discussant: Bernhard Ganglmair (ZEW Mannheim & MaCCI)	
	Emmanuel LORENZON (University Paris-Dauphine) & Jordana Viotto da Cruz Internet Regulation, Zero-Rating and Content Variety Discussant: Vicente Lagos	Daniel HERRERA (Université Paris Dauphine) & Joanna Piechucka Impact of Mergers on product repositioning: Evidence from the French Hospital Industry Discussant: Jan Schäfer	Greg TAYLOR (University of Oxford) & Alexandre de Corniere Data-Driven Mergers Discussant: Yossi Spiegel	

Parallel sessions III

	Room Brussels	Room 1	Room 2	Room HKH
9:00-10:30	<p>(A) Theoretical approaches in IO</p> <p><i>Chair: Volker Nocke (University of Mannheim & MaCCI)</i></p>	<p>(B) Patents</p> <p><i>Chair: Ulrich Wagner (University of Mannheim, ZEW & MaCCI)</i></p>	<p>(C) Market Power</p> <p><i>Chair: Chair: Henrik Orzen (University of Mannheim & MaCCI)</i></p>	<p>(D) The '50+1 rule' of the Deutsche Fußball-Liga</p> <p><i>This session is chaired and organized by Jens-Uwe Franck (University of Mannheim & MaCCI)</i></p>
	<p>Raphaël LEVY (HEC Paris) & Heski Bar-Isaac</p> <p>Concerned with careers? Career development, task assignment, and labour market competition</p> <p>Discussant: Hugo Hopenhayn</p>	<p>Markus NAGLER (University of Munich) & Stefan Sorg</p> <p>Marginal Patents and the Supply of Ideas</p> <p>Discussant: Kevin Amess</p>	<p>Gianluca ANTONIACCIA (Erasmus School of Economics Rotterdam) & Ajay Bhaskarabhatla</p> <p>Productivity, prices and market shares in multiproduct firms</p> <p>Discussant: Melissa Newham</p>	<p>This is an invited session on "The '50+1' rule' of the Deutsche Fußball-Liga"</p> <p>Ben VAN ROMPUY (University Leiden)</p> <p>Mark-E. ORTH (Lawyer in Munich)</p> <p>Oliver BUDZINSKI (Technische Universität Ilmenau)</p> <p>will provide opening statements of about 20 minutes each. Afterwards, there will be about 30 minutes time for discussion.</p>
	<p>Salvatore PICCOLO (University of Bergamo), Marco Pagnozzi & Paolo Roberti</p> <p>Optimal Delegation to Biased Regulators</p> <p>Discussant: Raphaël Levy</p>	<p>Albert ROGER (ZEW Mannheim)</p> <p>Patents as Prediction Market: Estimates of Patent Renewal as a Measure of Environmental Regulation Credibility</p> <p>Discussant: Markus Nagler</p>	<p>Felix MONTAG (University of Munich), Christoph Winter</p> <p>Price Transparency Against Market Power</p> <p>Discussant: Eyub Yegen</p>	
	<p>Hugo HOPENHAYN (UCLA) & Maryam Saedi</p> <p>Optimal Quality Ratings and Market Outcomes</p> <p>Discussant: Salvatore Piccolo</p>	<p>Kevin AMESS (University of Nottingham), Kun Jiang & Xiyi Yang</p> <p>Property Rights and Incentives to Innovate</p> <p>Discussant: Albert Roger</p>	<p>Huanxing YANG (Ohio State University) & Lan Zhang</p> <p>Dominant Firm and Competitive Bundling in Oligopoly Markets</p> <p>Discussant: Felix Montag</p>	

Friday, 29 March 2019

Parallel sessions IV

	Room Brussels	Room 1	Room 2	Room HKH
13:30-15:00	(A) Pricing <i>Chair: Yossi Spiegel (Tel Aviv University, CEPR, and ZEW)</i>	(B) Platforms <i>Chair: Martin Peitz (University of Mannheim & MaCCI)</i>	(C) Antitrust Law <i>Chair: Jens-Uwe Franck (University of Mannheim & MaCCI)</i>	(D) Merger Policy <i>This session is chaired and organized by Volker Nocke (University of Mannheim & MaCCI)</i>
	Andreas ASSEYER (Humboldt-Universität zu Berlin) Wholesale price discrimination with asymmetric vertical integration Discussant: Jose Moraga	Pauline AFFELDT (DIW Berlin) , Elena Argentesi & Lapo Filistrucchi Estimating Demand with Multi-Homing in Two-Sided Markets Discussant: Andrea Mantovani	Annalies OUTHUIJSE (University of Groningen) The effective public enforcement of the prohibition of anti-competitive agreements: Why do undertakings in the Netherlands appeal? Discussant: Edith Loozen	This is an invited session on merger policy with the following talks: Nicolas SCHUTZ (University of Mannheim): “An Aggregative Games Approach to Merger Analysis in Multiproduct-Firm Oligopoly” Simon LOERTSCHER (University of Melbourne): “Coordinated Effects” Volker NOCKE (University of Mannheim): “Merger Remedies in Multi-market Oligopoly”
	Thanos ATHANASOPOULOS (De Montfort University Leicester) Dynamic Pricing and Compatibility in Durable Network Goods Markets Discussant: Andreas Asseyer	Eric DARMON (Université de Rennes 1), Thomas le Texier, Zhiwen Li, Thierry Penard Multimarket Contact and Platform Competition: Reassessing the Mutual Forbearance Hypothesis Discussant: Pauline Affeldt	Edith LOOZEN (European University Institute Florence) Strict Competition Enforcement Is the Way Forward – Also To Promote Sustainable Consumption and Production Discussant: Annalies Outhuijse	
	Konstantinos SERFES (Drexel University), Robert M. Hunt & Suting Hong Dynamic Pricing of Credit Cards and the Effects of Regulation Discussant: Thanos Athanasopoulos	Andrea MANTOVANI (University of Bologna), Joan Calzada & Ester Manna Platform Price Parity Clauses and Segmentation Discussant: Eric Darmon		

Parallel sessions V

	Room Brussels	Room 1	Room 2	Room HKH
15:30-17:00	(A) Ownership and industry structure <i>Chair: Laura Grigolon (University of Mannheim & MaCCI)</i>	(B) Antitrust <i>Chair: André Stenzel (University of Mannheim & MaCCI)</i>	(C) Law <i>Chair: Thomas Fetzer (University of Mannheim & MaCCI)</i>	
	Eyub YEGEN (University of Toronto) Common Ownership and Portfolio Rebalancing Discussant: Laura Grigolon (University of Mannheim & MaCCI)	Matej BAJGAR (OECD), Jonathan Timmis, Giuseppe Berlingieri, Sara Calligaris & Chiara Criscuolo Industry Concentration in Europe and North America Discussant: Aliz McLean	Michael FUNK (Swiss Economics) & Christian JAAG A Too Efficient Competitor An Alternative Interpretation of Post Denmark II Discussant: Maria José Schmidt-Kessen	
	Hugo HOPENHAYN (UCLA), Julian Neira & Rish Singhanian From Population Growth to Firm Demographics: Implications for Concentration, Entrepreneurship and the Labor Share Discussant: Greg Taylor	Yannik SCHNEIDER (University of Mannheim), Frederik Eidam, Jian Cai Anthony Saunders & Sascha Steffen Loan Syndication Structures and Price Collusion Discussant: Alan Crawford	Kalpana TYAGI (Aarhus University) Digital Health: How Can Law Facilitate Innovation in the Converged ICT/Healthcare Sector? Discussant: Michael Funk	
	Yossi SPIEGEL (Tel Aviv University, CEPR, and ZEW) & Sandro Shelegia Cost-reducing Investments Under Partial Cross-ownership Discussant: Konstantinos Serves	Alan CRAWFORD (Universidad Carlos III de Madrid) Approximating Demand Dynamics in Antitrust Policy Discussant: Yannik Schneider	Maria José SCHMIDT-KESSEN (Copenhagen Business School) & Alan LITTLER (Kalff Katz & Franssen and Queen Mary University London) Shuffling the Deck - What Role for Competition Law in Gambling Markets? Discussant: Kalpana Tyagi	