

9th ZEW/MaCCI Conference on the Economics of Innovation and Patenting

Mannheim, 3-4 November 2022

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

Program as of 1 November 2022

PROGRAMME

Thursday, November 3, 2022

08:45	Arrival and Registration
	Room Brussels
09:15	Welcome Address <i>Georg Licht, ZEW</i>
	Room Brussels
09:30 – 10:30	Keynote: Financial Market Reactions to International Patent Disclosures and Grants DIETMAR HARHOFF, Max Planck Institute for Innovation and Competition, Munich Chair: Georg Licht, ZEW
10:30 – 10:45	Coffee Break
10:45 – 12:15	Parallel Sessions I (see below for details)
12:15 – 13:15	Lunch
	Room Brussels
13:15 – 14:15	Keynote: Patent-to-product Link: Insights and Open Research Questions GAÉTAN DE RASSENFOSSE, EPFL École Polytechnique Fédérale de Lausanne, Lausanne Chair: Katrin Hussinger, University of Luxembourg https://us06web.zoom.us/j/84517013699?pwd=MEVQdXFIToVxUGFDUIkzSGthcHQ4dz09 Meeting-ID: 845 1701 3699, Kenncode: 822363
14:15 – 14:45	Coffee Break
14:45 – 16:15	Parallel Sessions II (see below for details)
16:15 – 16:35	Coffee Break
16:35 – 18:05	Parallel Sessions III (see below for details)
18:45	Bus Trip to Conference Dinner (Meeting Point: 18:40 ZEW Foyer)
19:30	Conference Dinner at Castle Ruin Windeck, Weinheim https://www.burgruinewindeck.de/ - Unfortunately only in German – but nice pictures)

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PROGRAMME**Friday, November 4, 2022**

09:15 – 10:45 **Parallel Sessions IV (see below for details)**

10:45 – 11:15 **Coffee Break**

11:15 – 12:15 **Parallel Sessions V (see below for details)**

12:15 – 13:15 **Lunch**

13:15 – 14:45 **Parallel Sessions VI (see below for details)**

14:45 – 15:00 **Coffee Break**

15:00 – 16:00 **Room Brussels**
Keynote: Decentralized Innovation Platforms
AIIJA LEIPONEN, Cornell University
Chair: Bettina Peters, ZEW

16:00 **Concluding Remarks**
Georg Licht, ZEW

16:10 **Farewell Drinks and Pretzels**

17:00 **Optional: Trip to Heidelberg**

10:45 – 12:15 Parallel Session I

Room Brussels	Room 1	Room 2	Media Room
I.A: Impact of COVID-19 on Innovation Chair: Bettina Peters (ZEW)	I.B: Patent Examination and Litigation Chair: Cesare Righi (Univ. Pompeu Fabra)	I.C: Globalization and Innovation Chair: Elisabeth Müller (IESEG)	I.D: Knowledge Sourcing Chair: Byeongwoo Kang (Hitotsubashi Univ.)
Creative Disruption – Technology Innovation, Labour Demand, and the Pandemic <i>Erling Barth (Institute for Social Research, University of Oslo), Alex Bryson (University College London, IZA, NIESR), Harald Dale-Olsen (Institute for Social Research, IZA)</i> Discussant: Markus Trunschke (ZEW, KU Leuven)	The Role of Reviewers on Patenting of Female Inventors <i>Evelina Gavrilova (NHH Norwegian School of Economics), Steffen Juranek (NHH Norwegian School of Economics)</i> Discussant: Julia Mazzei (Scuola Superiore Sant'Anna)	Open-Border Policy and Knowledge Diffusion <i>Gabriele Cristelli (École Polytechnique Fédérale de Lausanne), Rainer Widmann (Max Planck Institute for Innovation and Competition)</i> Discussant: Olof Ejermo (Lund University)	The Participation of Patent Holders in Patent Pools: A Configurational Approach <i>Shengxi Yi (University of Strasbourg), Eric Schenk (INSA Strasbourg)</i> Discussant: Byeongwoo Kang (Hitotsubashi University Tokyo)
The Impact of Covid-19 on Industry Interactions with Universities: The Case of UK Companies <i>David Angenendt (TU Munich), Alan Hughes (Imperial College London), Michael Kitson (University of Cambridge), Ammon Salter (University of Bath)</i> Discussant: Cornelia Lawson (University of Manchester)	Continuation Patents and Litigation <i>Cesare Righi (Universitat Pompeu Fabra, Barcelona School of Economics)</i> Discussant: Evelina Gavrilova (NHH Norwegian School of Economics)	Global Impact of Inventions – A Regional Analysis <i>Elisabeth Müller (IESEG School of Management, ZEW), Philipp Böing (ZEW)</i> Discussant: Marco Cucculelli (Università Politecnica delle Marche)	Sourcing Applied and Basic Knowledge for Innovation and Commercialization Success <i>Lorenzo Ardito (University of Bari), Roger Svensson (IFN Stockholm)</i> Discussant: Georgios Tsiachtsiras (University of Bath)
Pandemic Effects: Is the German Innovation System Suffering from Long-COVID? <i>Markus Trunschke (ZEW, KU Leuven), Bettina Peters (ZEW, MaCCI, University of Luxembourg), Dirk Czamitzki (KU Leuven, ZEW), Christian Rammer (ZEW)</i> Discussant: Marek Giebel (Copenhagen Business School) [online]	From Open Warfare to Strawman's Anonymity: Motives and Strategies Behind Patent Opposition at EPO <i>Julia Mazzei (Scuola Superiore Sant'Anna), Rudi Bekkers (Eindhoven University), Arianna Martinelli (Scuola Superiore Sant'Anna)</i> Discussant: Cesare Righi (Universitat Pompeu Fabra, Barcelona School of Economics)	Globalization of Intellectual Property Rights <i>Per Botolf Maurseth (Norwegian Business School)</i> Discussant: Elisabeth Müller (IESEG School of Management, ZEW)	The Determinants of Parallel Invention: Measuring the Role of Information Sharing and Personal Interaction Between Inventors <i>Byeongwoo Kang (Hitotsubashi University Tokyo), Rudi Bekker (Eindhoven University of Technology)</i> Discussant: Knut Blind (TU Berlin)

14:45 – 16:15 Parallel Session II

Room Brussels		Room 1	Room 2	Media Room
II.A: Green Innovation I Chair: Albert Roger (Max Planck Institute for Innovation and Competition)		II.B: Value of IP Chair: Markus Trunschke (ZEW, KU Leuven)	II.C: Human Capital and Innovation Chair: Harald Dale-Olsen (Institute for Social Research, IZA)	II.D: Knowledge Production I Chair: Katrin Hussinger (Univ. of Luxembourg)
International Environmental Agreements and the Timing and Direction of Technological Change: Evidence from the Kigali Amendment <i>Albert Roger (Max Planck Institute for Innovation and Competition)</i> Discussant: Enrico De Monte (ZEW)		Intellectual Property as Loan Collateral: Evidence from France <i>Laurie Ciaramella (Télécom Paris, Max Planck Institute for Innovation and Competition), David Heller (Max Planck Institute for Innovation and Competition), Leo Leitzinger (Goethe University Frankfurt)</i> Discussant: Dirk Czarnitzki (KU Leuven, ZEW)	Job Stability, Inventor Human Capital and Innovation Trajectories <i>David Wehrheim (IESE Business School), Eduardo Melero (Universidad Carlos III de Madrid), Neus Palomeras (Universidad Carlos III de Madrid)</i> Discussant: Paolo Carioli (KU Leuven)	Can Scientists Remain Internationally Visible After They Return to Their Home Countries? A Study of Chinese Scientists <i>Ying Zhang (University of Manchester), Cornelia Lawson (University of Manchester), Liangping Ding (Chinese Academy of Sciences)</i> Discussant: Philipp Böing (ZEW)
Learning Curve for Solar Energy: What is the Importance of Environmental Policy? <i>Hans Lööf (KTH - Royal Institute of Technology Stockholm)</i> Discussant: Paul Pelzl (Norwegian School of Economics)		The Market Valuation of International Patenting Using a Real Option Approach: The Moderating Role of Uncertainty <i>Grid Thoma (University of Camerino)</i> Discussant: David Heller (Max Planck Institute for Innovation and Competition)	Artificial Intelligence and the Demand for Labor: Evidence from German Firm-level Data <i>Dirk Czarnitzki (KU Leuven, ZEW), Gastón Fernández Barros (KU Leuven), Bettina Peters ZEW, MaCCI, University of Luxembourg)</i> Discussant: Harald Dale-Olsen (Institute for Social Research, IZA)	Information Accessibility and Knowledge Creation: The Impact of Google's Withdrawal on Chinese Scientific Publications <i>Katrin Hussinger (University of Luxembourg, ZEW), Lorenzo Palladini (University of Luxembourg)</i> Discussant: Georg von Graevenitz (Queen Mary University of London)
Tracking Innovation via Green Patent Classification Systems: Are we Truly Capturing Circular Economy Progress? [online] <i>Anne Rainville (Utrecht University), Irma Dikker (Lund University), Magnus Buggenhagen (TU Berlin)</i> Discussant: Albert Roger (Max Planck Institute for Innovation and Competition)		Choosing Technologies: Benefits of Developing Fourth Industrial Revolution Technologies <i>Markus Trunschke (ZEW, KU Leuven), Bettina Peters (ZEW, MaCCI, University of Luxembourg)</i> Discussant: Rainer Widmann (Max Planck Institute for Innovation and Competition)		Unleashing the Dragon: The Case for Patent Reform in China <i>Lee Branstetter (Carnegie Mellon University), Douglas Hanley (University Pittsburg), Huiyan Zhang (Carnegie Mellon University)</i> Discussant: Katrin Hussinger (University of Luxembourg, ZEW)

16:35 – 18:05 Parallel Session III

Room Brussels	Room 1	Room 2
III.A: Government Funding of Research Chair: Douglas Hanley (University Pittsburg)	III.B: Inventor Dynamics Chair: Francisco Poggi (University of Mannheim)	III.C: New Tools in Innovation Research Chair: Shengxi Yi (University of Strasbourg)
Fiscal Transparency and the Social Benefits of Government Funded Research [online] <u>Marek Giebel</u> (Copenhagen Business School) Discussant: Marius Berger (OECD)	The Labor Economics of Inventing <i>Dietmar Harhoff (Max Planck Institute for Innovation and Competition, LMU), David Heller (Max Planck Institute for Innovation and Competition), Paul Momtaz (TU Munich, University College London), Mengjie Shi (Goethe University Frankfurt)</i> Discussant: Neus Palomeras (Universidad Carlos III de Madrid)	Disambiguation by Namesake Risk Assessment <u>Thorsten Doherr</u> (ZEW) Discussant: Laurie Ciaramella (Télécom Paris, Max Planck Institute for Innovation and Competition)
Misappropriation of R&D Subsidies: Estimating Treatment Effects with One-sided Noncompliance <u>Philipp Boeing</u> (ZEW), <u>Bettina Peters</u> (ZEW, MaCCI, University of Luxembourg) Discussant: Douglas Hanley (University Pittsburg)	Policy Uncertainty and Inventor Mobility <u>Jordan Bisset</u> (KU Leuven), <u>Dirk Czarnitzki</u> (KU Leuven), <u>Thorsten Doherr</u> (ZEW) Discussant: Grid Thoma (University of Camerino)	Detecting Knowledge Cycles <u>Moritz Müller</u> (BETA, University of Strasbourg), <u>Ingrid Ott</u> (Karlsruhe Institute of Technology, Kiel Institute for the World Economy, CESifo), <u>Ulrich Schmoch</u> (Fraunhofer ISI), <u>Jonathan Völkle</u> (Karlsruhe Institute of Technology) Discussant: Svensson (IFN Stockholm)
	The Dynamics of Inventors, Employers and Innovation [online] <u>Ajay Bhaskarabhatla</u> (Erasmus University), <u>Luis Cabral</u> (New York University, CEPR), <u>Deepak Hegde</u> (New York University) Discussant: Francisco Poggi (University of Mannheim)	

9:15 – 10:45 Parallel Session IV

Room Brussels	Room 1	Room 2
IV.A: Impact of R&D Policies Chair: <i>Ulrika Stavlöt (Swedish Agency for Growth Policy Analysis)</i>	IV.B: R&D Collaboration Chair: David Angenendt (TU Munich)	IV.C: Ownership and Innovation Chair: Johannes Bersch (ZEW)
Efficient Industrial Policy for Innovation: Standing on the Shoulders of Hidden Giants <i>Charlotte Guillard (University College London, UNU-MERIT), Ralf Martin (Imperial College London, LSE, CEPR), Pierre Mohnen (Maastricht University, UNU-MERIT), Catherine Thomas (LSE, CEP, CEPR), Dennis Verhoeven (Bocconi University, KU Leuven, LSE)</i> Discussant: Georg Licht (ZEW)	Skills Shortage and Innovation Openness <i>Paolo Carioli (KU Leuven), Dirk Czamitzki (KU Leuven, ZEW)</i> Discussant: Bettina Peters (ZEW, MaCCI, University of Luxembourg)	Family Ownership and Regional Patenting <i>Riccardo Cappelli (Università Politecnica delle Marche), Marco Cucculelli (Università Politecnica delle Marche)</i> Discussant: Ingrid Ott (Karlsruhe Institute of Technology, Kiel Institute for the World Economy, CESifo)
Effects of R&D Payroll Tax Subsidies on the Employment of Scientists <i>Roger Svensson (IFN Stockholm), Ulrika Stavlöt (Swedish Agency for Growth Policy Analysis)</i> Discussant: Cindy Lopes-Bento (KU Leuven)	Credit Constraints and Open Innovation Strategies <i>Pierluigi Murro (Luiss University Rome), Valentina Peruzzi (Sapienza University Rome)</i> Discussant: Christoph Grimpe (Copenhagen Business School)	Founder Personality and R&D Decisions in Entrepreneurial Firms <i>Annette Becker (JRC Ispra), Hanna Hottenrott (TU Munich, ZEW), Anwesha Mukherjee (TU Munich)</i> Discussant: Johannes Bersch (ZEW)
The Effect of Publicly Co-funded Industry-science Collaboration on Scientific Production <i>Paul Hünermund (Copenhagen Business School), Cindy Lopes-Bento (KU Leuven), Maikel Pellens (KU Leuven)</i> Discussant: <i>Ulrika Stavlöt (Swedish Agency for Growth Policy Analysis)</i>	Filling the Gap: The Consequences of Collaborator Loss in Corporate R&D <i>Felix Poege (Boston University, IZA Bonn), Fabian Gaessler (Universität Pompeu Fabra Barcelona, Max Planck Institute for Innovation and Competition), Karin Hoisl (University of Mannheim, MPI, CBS), Dietmar Harhoff (Max Planck Institute for Innovation and Competition, LMU, CEPR), Matthias Dörner (IAB Institute for Employment Research Nuremberg)</i> Discussant: David Angenendt (TU Munich)	Trade Secret Protection and Foreign Acquirer Engagement <i>Marta Arrovabe (University of Essex), Christoph Grimpe (Copenhagen Business School, ZEW), Katrin Hussinger (University of Luxembourg, ZEW)</i> Discussant: Malte Prüfer (KU Leuven)

11:15 – 12:15 Parallel Session V

Room Brussels V.A: Impact of Government Funding Chair: Paul Hünermund (Copenhagen Business School)	Room 1 V.B: Productivity and Markups Chair: Van Anh Vuong (Maastricht University)	Room 2 V.C: Economics of Science Chair: Cindy Lopes-Bento (KU Leuven)
<p>Does Government Venture Capital Help Bring Research to the Market</p> <p><i>Marius Berger (OECD), Antoine Dechezleprêtre (OECD, LSE), Milenko Fadic (OECD)</i></p> <p>Discussant: <u>Pierluigi Murro</u> (Luiss University Rome)</p>	<p>Productivity, Markups, Entry, and Exit: Evidence from French Manufacturing Firms from 1994 to 2016</p> <p><i>Enrico De Monte (ZEW)</i></p> <p>Discussant: Jordi Jaumandreu (Boston University) [online]</p>	<p>The Importance of Quality in Austere Times: University Competitiveness and Grant Income</p> <p><i>Ye Sun (University College London), Athen Ma, (Queen Mary University of London), Georg v. Graevenitz (Queen Mary University of London), Vito Latorad (Queen Mary University of London)</i></p> <p>Discussant: Hanna Hottenrott (TU Munich, ZEW)</p>
<p>The Effects of Research Funding on Knowledge Production - Evidence from a Swedish Experiment</p> <p><i>Olof Eiermo (Lund University), Yotam Sofer (Copenhagen Business School)</i></p> <p>Discussant: Paul Hünermund (Copenhagen Business School)</p>	<p>The Remarkable Stability of the US Manufacturing Markups [online]</p> <p><i>Jordi Jaumandreu (Boston University)</i></p> <p>Discussant: Mark Roberts (Pennsylvania State University, NBER)</p>	<p>Miss or Match? The Impact of PhD Training on Job Market Satisfaction</p> <p><i>Cindy Lopes-Bento (KU Leuven), Cornelia Lawson (University of Manchester)</i></p> <p>Discussant: Maikel Pellens (KU Leuven)</p>

13:15 – 14:45 Parallel Session VI

Room Brussels	Room 1	Room 2
VI.A: Green Innovation II Chair: Fabian Gaessler (Universitat Pompeu Fabra Barcelona)	VI.B: Public Policy and Innovation Chair: Hans Lööf (KTH - Royal Institute of Technology Stockholm)	VI.C: History of Innovation Chair: Christian Rammer (ZEW)
Natural Resource Booms and Innovation <i>Federica Coelli (University of Zurich), Paul Pelzl (Norwegian School of Economics)</i> Discussant: Ralf Martin (Imperial College London, LSE, CEPR)	Health Policy, Innovation, and SOEs: Evidence from China's Vaccine Industry [online] <i>Hao Geng (Chinese University of Hong Kong), Matthew Shi (Chinese University of Hong Kong)</i> Discussant: Lorenzo Palladini (University of Luxembourg)	The Adoption of ISO Standards in German Firms: An Explorative Web Mining Study <i>Knut Blind (TU Berlin, Fraunhofer ISI), Alexander Kann (ZEW), Jan Kinne (ZEW, istari.ai), David Lenz (Justus-Liebig University Gießen, istari.ai)</i> Discussant: Shengxi Yi (University of Strasbourg)
The New Green Economy: Venture Capital, Innovation and Business Success in Cleantech Startups <i>Lucie Bioret (OECD), Antoine Dechezleprêtre (OECD, LSE), Petra Sarapatkova (OECD)</i> Discussant: Marta Arroyabe (University of Essex)	Public Procurement, Demand Uncertainty and Innovation: Empirical Evidence from Belgium <i>Dirk Czarnitzki (KU Leuven, ZEW), Malte Prüfer (KU Leuven)</i> Discussant: Adriano De Leverano (ZEW)	Transportation Networks and the Rise of the Knowledge Economy in 19th Century France <i>Georgios Tsiachtsiras (University of Bath)</i> Discussant: Joself Taalbi (Lund University)
The Private Value of Clean Energy Innovation <i>Ashley Langer (University of Arizona, NBER), Derek Lemoine (University of Arizona, NBER), Ralf Martin (Imperial College London, LSE, CEPR), Dennis Verhoeven (Bocconi University, KU Leuven, LSE)</i> Discussant: Fabian Gaessler (Universitat Pompeu Fabra Barcelona, Max Planck Institute for Innovation and Competition)	Public R&D Investment in Economic Crises <i>Maikel Pellens (KU Leuven, ZEW), Bettina Peters (ZEW, MaCCI, University of Luxembourg), Christian Rammer (ZEW), Georg Licht (ZEW, MaCCI)</i> Discussant: Hans Lööf (KTH - Royal Institute of Technology Stockholm)	Innovation With and Without Patents <i>Joself Taalbi (Lund University)</i> Discussant: Christian Rammer (ZEW)