

10th ZEW Conference on the Economics of Innovation and Patenting

Mannheim, 26-27 September 2024

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

Final Program as of September 25, 2024

PROGRAMME**Thursday, September 26, 2024**

09:30 – 10:15 **Registration and Arrival Coffee**

Room Brussels

10:15 – 10:30 **Welcome Address**

Hanna Hottenrott, ZEW

10:30 – 12:00 **Parallel Sessions I (see below for details)**

12:00 – 13:15 **Lunch**

Room Brussels

13:15 – 14:15 **Keynote: From Failure to Fortune: IP Strategy in Uncertain Times**

CARLOS J. SERRANO, HEC Paris

Chair: Bettina Peters, ZEW

14:15 – 14:45 **Coffee Break**

14:45 – 16:15 **Parallel Sessions II (see below for details)**

16:15 – 16:45 **Coffee Break**

16:45 – 18:15 **Parallel Sessions III (see below for details)**

18:45 **Bus Trip to Conference Dinner**

19:30 **Conference Dinner**

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P R O G R A M M E

F r i d a y , S e p t e m b e r 2 7 , 2 0 2 4

09:00 – 10:30 **Parallel Sessions IV (see below for details)**

10:30 – 11:00 **Coffee Break**

11:00 – 12:00
 Room Brussels
Keynote: The Ms. Allocation of Talent
PETRA MOSER, NYU Stern, NBER and CEPR
 Chair: Mark Roberts, Pennsylvania State University

12:00 – 12:30
 Room Brussels
Heinz König Award & Champagne Reception
Laudator: Dr. Ralph Rheinboldt, Chairman of the ZEW Sponsors' Association for Science and Practice and Member of the Executive Board of Fuchs SE
 Chair: Hanna Hottenrott, ZEW

12:30 – 13:30 **Lunch**

13:30 – 15:00 **Parallel Sessions V (see below for details)**

15:00 **Farewell Drinks and Pretzels**

16:00 **Optional: Trip to Schwetzingen**

10:30 – 12:00 Parallel Session I

Room Brussels I.A: Innovation Made in China Chair: Bettina Peters (ZEW)	Room 1 I.B: Diversity and Innovation Chair: Andreas Bühler (University of Zurich)	Room 2 I.C: Inventor Mobility Chair: Cornelia Lawson (University of Manchester)	Media Room I.D: Licensing and Patent Incentives Chair: Andreas Panagopoulos (University of Crete)
<p>Corporate Open Science and CEOs' Pre-career Exposure to Confucian Values</p> <p><i>Lorenzo Palladini (University of Luxembourg, Stockholm School of Economics)</i></p> <p>Discussant: Philipp Böing (Goethe University Frankfurt & ZEW)</p>	<p>How and When Is Gender Diversity in R&D Teams Related to Firm-Level Innovation?</p> <p><i>Christophe Boone (Antwerp University), Boris Lokshin (Maastricht University), Corinne Post (Villanova University)</i></p> <p>Discussant: Eline Schoonjans (ZEW)</p>	<p>Intellectual Mobility Frictions</p> <p><i>Jordan Bisset (KU Leuven), Dennis Verhoeven (KU Leuven)</i></p> <p>Discussant: Cornelia Lawson (University of Manchester)</p>	<p>Patents and R&D Incentives when Licensing is Restricted</p> <p><i>Andreas Panagopoulos (University of Crete), In-Uck Park (University of Bristol)</i></p> <p>Discussant: Ziming Wang (University of Tokyo & China Europe International Business School)</p>
<p>Investigating Strategic Change: A Case Study on German Firms' Response to Chinese Competition</p> <p><i>Madeleine Möller (University of Hohenheim), Bernd Ebersberger (University of Hohenheim)</i></p> <p>Discussant: Lorenzo Palladini (University of Luxembourg, Stockholm School of Economics)</p>	<p>Gender Norms, Occupational Choices, and the Innovation Gender Gap</p> <p><i>Andreas Bühler (University of Zurich), Patrick Lehnert (University of Zurich), Uschi Backes-Gellner (University of Zurich)</i></p> <p>Discussant: Boris Lokshin (Maastricht University)</p>	<p>The Substitutive Nature of Trade Secret Legislation and Internal Linkage Strategies to Appropriate Value from R&D</p> <p><i>Hamzeh Obeid (KU Leuven), Rene Belderbos (KU Leuven), Bart Leten (KU Leuven and Hasselt University)</i></p> <p>Discussant: Roger Svensson (The Research Institute of Industrial Economics)</p>	<p>The Strategy of Royalty-Free Licensing and its Impact on Firm Innovation: The Case of Tesla</p> <p><i>Ziming Wang (University of Tokyo & China Europe International Business School), Daiju Narita (University of Tokyo), Usharani Hareesh Govindarajan (University of Shanghai for Science & Technology), Howei Wu (China Europe International Business School), Jia Lin (Shanghai International College of Intellectual Property, Tongji University)</i></p> <p>Discussant: Marek Giebel (Copenhagen Business School)</p>
<p>The Anatomy of Chinese Innovation: Insights on Patent Quality and Ownership</p> <p><i>Philipp Böing (Goethe University Frankfurt & ZEW), Loren Brandt (University of Toronto), Ruo Chen Dai (Central University of Finance and Economics), Kevin Lim (University of Toronto), Bettina Peters (ZEW)</i></p> <p>Discussant: -</p>		<p>Matching or Clashing: Exploring Scientists' Exit from Academia through Intentions and Job Offers</p> <p><i>Lukas Dreier (Friedrich Schiller University Jena), Maximilian Goethner (University of Twente), Cornelia Lawson (University of Manchester)</i></p> <p>Discussant: Maikel Pellens (KU Leuven)</p>	<p>The Patent Deal: Striking a Balance Between Protection and Disclosure</p> <p><i>Marek Giebel (Copenhagen Business School), Alexandra K. Zaby (Seeburg Castle University)</i></p> <p>Discussant: Andreas Panagopoulos (University of Crete)</p>

14:45 – 16:15 Parallel Session II

Room Brussels II.A: Impact of R&D Policies Chair: Bastian Krieger (ZEW)	Room 1 II.B: Green Innovation I Chair: Leon Steines (ZEW)	Room 2 II.C: Science and Innovation I Chair: Alexander Kann (ZEW)	Media Room II.D: History of Innovation Chair: Alexander Donges (University of Mannheim)
<p>Subsidies vs. Advice: Unraveling Their Unique Impacts on Firm Innovation</p> <p><i>Lowie Cnockaert (Hasselt University), Jolien M. A. Van den Rul (Hasselt University), Mark Vancauteran (Hasselt University), Bart Leten (Hasselt University)</i></p> <p>Discussant: Alexander Ehrlich (ZEW)</p>	<p>The Effects of Natural Disasters on Green Innovation</p> <p><i>Lisa Keding (RWTH Aachen University), Marten Ritterrath (University of Cologne)</i></p> <p>Discussant: Yuan Hu (Imperial College London)</p>	<p>Standing on the Shoulders of Others: The Role of Universities and Individual Inventors in Firms' Exploration of General-Purpose Technologies</p> <p><i>Valentina Bucaioni (University of Siena), Kelchtermans Stijn (KU Leuven), Murgia Gianluca (University of Siena)</i></p> <p>Discussant: Alexander Kann (University of Mannheim and ZEW Mannheim)</p>	<p>Are Patents Conducive to Innovation? Evidence from German Reunification</p> <p><i>Fabian Gaessler (Pompeu Fabra University & Max Planck Institute for Innovation and Competition), Christian Helmers (Santa Clara University), Gabriele Pellegrino (Università Cattolica del Sacro Cuore)</i></p> <p>Discussant: Alexander Donges (University of Mannheim)</p>
<p>The Bang for the Buck: Aggregate Impact of Firm-Level R&D Incentives</p> <p><i>Marek Ignaszak (Goethe University Frankfurt & ZEW), Petr Sedlacek (University of New South Wales)</i></p> <p>Discussant: Malte Prüfer (KU Leuven & ECOOM)</p>	<p>Knowledge Diversity and Innovation Resilience: Green Technological Change After Natural Disasters</p> <p><i>Yuan Hu (Imperial College London)</i></p> <p>Discussant: Leon Steines (ZEW)</p>	<p>Looking for Innovation Beyond the Patent System: Evidence from Research Disclosures</p> <p><i>Bernhard Ganglmair (ZEW), Alexander Kann (University of Mannheim and ZEW Mannheim)</i></p> <p>Discussant: Valentina Bucaioni (University of Siena)</p>	<p>Patent Litigation in the German Empire</p> <p><i>Alexander Donges (University of Mannheim), Felix Selgert (University of Bonn), Jochen Streb (University of Mannheim)</i></p> <p>Discussant: -</p>
<p>Public Procurement Can Hinder Innovation</p> <p><i>Bastian Krieger (ZEW), Malte Prüfer (KU Leuven & ECOOM), Linus Strecke (ZEW)</i></p> <p>Discussant: Lowie Cnockaert (Hasselt University)</p>	<p>When Eco-Innovation Changes Hands: Ownership's Environmental Impact</p> <p><i>Eline Schoonjans (ZEW)</i></p> <p>Discussant: Julia Korosteleva (University College London)</p>		

16:45 – 18:15 Parallel Session III			
Room Brussels III.A: Innovation Incentives Chair: Thomas Triebs (Loughborough University)	Room 1 III.B: Machine-Learning Approaches in Innovation Studies Chair: Alexander Ehrlich (ZEW)	Room 2 III.C: Science and Innovation II Chair: Christoph Grimpe (Copenhagen Business School)	Media Room III.D: Innovation in Life Sciences Chair: Thomas Schaper (ZEW)
<p>Old but Gold: Population Ageing and Innovation Incentives</p> <p><i>Maria Luisa Mancusi (Università Cattolica del Sacro Cuore)</i></p> <p>Discussant: Thomas P. Triebs (Loughborough University)</p>	<p>Nowcasting R&D Expenditures: A Machine Learning Approach</p> <p><i>Atin Aboutorabi (EFPL), Gaétan de Rassenfosse (EFPL)</i></p> <p>Discussant: Anup Agrawal (University of Alabama)</p>	<p>Race and Science</p> <p><i>Gaia Dossi (LSE)</i></p> <p>Discussant: Maud Thys (KU Leuven)</p>	<p>The Role of Patent Law and Licensing Schemes in the Governance of Emerging Biotechnologies: A Transactional Approach</p> <p><i>Franziska Bächler (University of Basel)</i></p> <p>Discussant: Thomas Schaper (ZEW)</p>
<p>Opt-In to Innovation? The Effects of Apple's App Tracking Transparency Policy on Complementor Innovation</p> <p><i>Robin Nowak (University of Passau), Rebecca Janssen (ZEW Mannheim), Patrick Figge (University of Passau)</i></p> <p>Discussant: Maria Luisa Mancusi (Università Cattolica del Sacro Cuore)</p>	<p>Mixing R&D Tax Credits and R&D Subsidies: a Multi-Treatment Machine Learning and 3-Dimensional Matching Approach</p> <p><i>Chris Dimos (University of Bath), Felicia Fai (University of Bath), Phil Tomlinson (University of Bath)</i></p> <p>Discussant: <i>Atin Aboutorabi (EFPL)</i></p>	<p>The Academic Startup Advantage: Research or Human Capital</p> <p><i>Maud Thys (KU Leuven), Maikel Pellens (KU Leuven), Hanna Hottenrott (ZEW Mannheim) and Marius Berger (ZEW)</i></p> <p>Discussant: Christoph Grimpe (Copenhagen Business School)</p>	<p>Product Safety Standards and Technological Innovation: Evidence from the 1968 Radiation Control</p> <p><i>Yiyu Xing (UCLA)</i></p> <p>Discussant: Jingyuan Zeng (London School of Economics)</p>
<p>Market Expectations, Uncertainty, and Innovation</p> <p><i>Thomas P. Triebs (Loughborough University), Justin Tumlinson (University of Exeter)</i></p> <p>Discussant: Jordan Bisset (KU Leuven)</p>	<p>Disruptive Innovation and IPO Outcomes: Evidence from Machine Learning</p> <p><i>Hoang Nguyen (University of Alabama), Anup Agrawal (University of Alabama)</i></p> <p>Discussant: Chris Dimos (University of Bath)</p>	<p>Do Innovations Need Advocacy? Stakeholder Involvement in Innovation Projects</p> <p><i>Paolo Carioli (KU Leuven), Christoph Grimpe (Copenhagen Business School), Karin Hoisl (University of Mannheim), Wolfgang Sofka (Copenhagen Business School)</i></p> <p>Discussant: Bart Leten (KU Leuven)</p>	

09:00 – 10:30 Parallel Session IV

Room Brussels IV.A: SMEs and Innovation Chair: Dietmar Harhoff (Max Planck Institute for Innovation and Competition)	Room 1 IV.B: Digital Technologies and Innovation Chair: Dolores Añon Higón (University of Valencia)	Room 2 IV.C: Innovation Networks Chair: Jingyuan Zeng (London School of Economics)	Media Room IV.D: Intellectual Property Rights Beyond Patents Chair: Julien Penin
<p>The Paradox of Progress: Technological Advancements in Banking and the Dual Impact on SME Bank Borrowing</p> <p><i>Aneta Hryckiewicz (Kozminski University), <u>Julia Korosteleva</u> (University College London), <u>Lukasz Kozłowski</u> (Kozminski University), <u>Malwina Rzepka</u> (Economic Institute for Empirical Analysis), <u>Ruomeng Wang</u> (University College London)</i></p> <p>Discussant: Andreas Bühler (University of Zurich)</p>	<p>Beyond the Robot: The Economic Effect of Diverse Technologies</p> <p><i><u>Guillermo Arenas Díaz</u> (Università Cattolica del Sacro Cuore), <u>Fabio Montobbio</u> (Università Cattolica del Sacro Cuore), <u>Mariacristina Piva</u> (Università Cattolica del Sacro Cuore)</i></p> <p>Discussant: Bettina Peters (ZEW)</p>	<p>R&D Networks, Peer Effects and Innovation Performance</p> <p><i><u>Fulvio Castellacci</u> (Center for Technology, Innovation and Culture), <u>Arvid Raknerud</u> (Statistics Norway), <u>Massimo Riccaboni</u> (IMT School for Advanced Studies), <u>Marina Rybalka</u> (Statistics Norway)</i></p> <p>Discussant: Andreas Stephan (Linnaeus University)</p>	<p>Composite Value Index of Design Patent Indicators</p> <p><i><u>Grid Thoma</u> (University of Camerino)</i></p> <p>Discussant: Julien Pénin (Université de Strasbourg)</p>
<p>The Impact of Government Venture Capital on Firm Growth</p> <p><i><u>Roger Svensson</u> (The Research Institute of Industrial Economics)</i></p> <p>Discussant: Georg Licht (ZEW)</p>	<p>AI, Robots, and Innovation Performance in European SMEs</p> <p><i><u>Agustí Segarra-Blasco</u> (Universitat Rovira i Virgili), <u>Josep Tomàs-Porres</u> (Universitat Rovira i Virgili), <u>Mercedes Teruel</u> (Universitat Rovira i Virgili)</i></p> <p>Discussant: Dolores Añon Higón (University of Valencia)</p>	<p>Technological Relatedness and Innovation Performance of Digital Research Networks</p> <p><i><u>Daniel Nepelski</u> (Joint Research Centre)</i></p> <p>Discussant: <u>Arvid Raknerud</u> (Statistics Norway)</p>	<p>Appropriability Regimes and Appropriation Strategies in Design: The Awareness and Use of Intellectual Property Rights and Experiences with Infringement Disputes</p> <p><i><u>Bruce Tether</u> (Alliance Manchester Business School)</i></p> <p>Discussant: Grid Thoma (University of Camerino)</p>
<p>Government R&D Support for Young Innovative Companies: Evidence from France</p> <p><i><u>Laurie Ciaramella</u> (Max Planck Institute for Innovation and Competition & Télécom ParisTech), <u>Dietmar Harhoff</u> (Max Planck Institute for Innovation and Competition), <u>Cristina Rujan</u> (ifo Institute)</i></p> <p>Discussant: Marius Berger (ZEW)</p>	<p>Digital Transformation and Innovation Activities: Evidence from Spanish Firms</p> <p><i><u>Dolores Añon Higón</u> (University of Valencia), <u>Juan A. Máñez</u> (University of Valencia), <u>Amparo Sanchis</u> (University of Valencia), <u>Juan A. Sanchis</u> (University of Valencia)</i></p> <p>Discussant: <u>Guillermo Arenas Díaz</u> (Università Cattolica del Sacro Cuore)</p>	<p>The Making of High-tech Clusters: Evidence from Early-mover Corporate Labs in the American Microchip Breakthrough</p> <p><i><u>Jingyuan Zeng</u> (London School of Economics)</i></p> <p>Discussant: Daniel Nepelski (Joint Research Centre)</p>	<p>Personality, Creativity and Adherence to Intellectual Property: A Lab Experiment on Copyright</p> <p><i><u>R. Guichardaz</u>, <u>M. Lefebvre</u>, <u>H. Igersheim</u>, <u>Julien Pénin</u> (Université de Strasbourg)</i></p> <p>Discussant: Bruce Tether (Alliance Manchester Business School)</p>

13:30 – 15:00 Parallel Session V

13:30 – 15:00 Parallel Session V			
<p>Room Brussels V.A: Role of Cross-Border Activities on Innovation Chair: Maria Garcia-Vega (University of Nottingham)</p>	<p>Room 1 V.B: Green Innovation II Chair: An Yu Chen (Manchester Institute of Innovation Research)</p>	<p>Room 2 V.C: Workers, Labour Markets and Innovation Chair: Jonathan Deist (IWH Halle)</p>	<p>Media Room V.D: Patent System Chair: Dietmar Harhoff (Max Planck Institute for Innovation and Competition)</p>
<p>Why Shutting the Doors to Immigration is Bad for Innovation: Lessons from the Age of Mass Migration in the US <i>Benjamin Cornejo Costas (Utrecht University)</i> Discussant: Krishna Sharma (Clemson University)</p>	<p>What Drives Green Innovation? Uncovering European Regional Factors and Policy Implications <i>Friedrich Lucke (European Commission - Joint Research Centre), Fulvia Marotta (University of Oxford)</i> Discussant: Marten Ritterrath (University of Cologne)</p>	<p>Worker Management Through AI: A Patent-Based Analysis of Artificial Intelligence Worker Management Technologies <i>Jacopo Staccioli (Università Cattolica del Sacro Cuore Milan), Maria Enrica Virgillito (Scuola Superiore Sant'Anna)</i> Discussant: Jonathan Deist (IWH Halle)</p>	<p>Forum Shopping and Forum Selling in German Patent Litigation: A Quantitative Analysis <i>Sibylle Lehmann-Hasemeyer (University of Hohenheim), Alexander Morell (Goethe University Frankfurt & Leibniz Institute for Financial Research SAFE)</i> Discussant: Dietmar Harhoff (Max Planck Institute for Innovation and Competition)</p>
<p>I'm Coming Home: Brain Gain Through Brain Circulation in India <i>Krishna Sharma (Clemson University)</i> Discussant: Maria Garcia-Vega (University of Nottingham)</p>	<p>Global Flow of Renewable Energy Technologies <i>Christopher F Baum (Boston College), Hans Lööf (Royal Institute of Technology), Fredrik Sjöholm (Research Institute of Industrial Economics Stockholm), Andreas Stephan (Linnaeus University)</i> Discussant: An Yu Chen (Manchester Institute of Innovation Research)</p>	<p>Productivity Spillovers among Knowledge Workers in Agglomerations: Evidence from GitHub <i>Lena Abou El-Komboz (ifo Institute and University of Munich), Thomas A. Fackler (Surrey Business School), Moritz Goldbeck (ifo Institute)</i> Discussant: Jacopo Staccioli (Università Cattolica del Sacro Cuore Milan)</p>	<p>Do Commonly Held Firms Coordinate Their R&D: Evidence from Patents <i>Bernhard Ganglmair (ZEW), Alexander Kann (University of Mannheim and ZEW Mannheim)</i> Discussant: -</p>
<p>Is Acquisition-FDI During an Economic Crisis Detrimental for Domestic Innovation? <i>Maria Garcia-Vega (University of Nottingham), Apoorva Gupta (DICE)</i> Discussant: Benjamin Cornejo Costas (Utrecht University)</p>	<p>Understanding the Connection: How Scientific Foundations Drive Innovation in Green Technologies? <i>An Yu Chen (Manchester Institute of Innovation Research)</i> Discussant: Friedrich Lucke (European Commission - Joint Research Centre)</p>	<p>Labor Market Power and Innovation <i>Richard Bräuer (IWH Halle), Jonathan Deist (IWH Halle), Matthias Mertens (MIT)</i> Discussant: Lena Abou El-Komboz (ifo Institute and University of Munich)</p>	