

DAVID HELLER

CURRICULUM VITAE

Max Planck Institute for Innovation and Competition
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Research Interests:

Innovation Economics · Corporate Finance · Entrepreneurial Finance ·
Innovation and Science Policy · Financing Innovation

CURRENT ACADEMIC POSITIONS

Max Planck Institute for Innovation and Competition Senior Research Fellow (Postdoc), Department of Innovation and Entrepreneurship Research	Munich, Germany since 10/2019
Goethe Business School, Frankfurt University Lecturer, Master in Finance Program	Frankfurt, Germany since 09/2020

EDUCATION

Johann Wolfgang Goethe-Universität Frankfurt Ph.D. in Economics (<i>summa cum laude</i>) Thesis: " <i>On the Economics of Innovation and Corporate Finance</i> "	Frankfurt, Germany 10/2014 - 09/2019
Leonard N. Stern School of Business, New York University Visiting Ph.D. at the Department of Economics (Sponsor: Luis Cabral)	New York City, NY, USA 02/2019 - 06/2019
Johann Wolfgang Goethe-Universität Frankfurt M.Sc. in International Economics and Economic Policy Thesis: " <i>Capital Structure of SMEs in the Aftermath of the Financial Crisis</i> "	Frankfurt, Germany 10/2012 - 09/2014
Universitat de València Visiting undergraduate student, Faculty of Economics	Valencia, Spain 02/2010 - 09/2010
Hochschule für Angewandte Wissenschaften (HAW) Hamburg BA in Foreign Trade and International Management	Hamburg, Germany 09/2008 - 10/2012

PREVIOUS POSITIONS & APPOINTMENTS

Johann Wolfgang Goethe-Universität Frankfurt Research assistant, Department of Management and Microeconomics	Frankfurt, Germany 10/2014 - 09/2019
Deutsche Bundesbank Visiting researcher, 'Research Data and Service Center' (RDSC)	Frankfurt, Germany 01/2017 - 07/2017
Hamburg Institute of International Economics (HWWI) Visiting researcher, Department 'Labour, Education, Demography'	Hamburg, Germany 02/2014 - 06/2014
Johann Wolfgang Goethe-Universität Frankfurt Research assistant, Chair of Economics and Industrial Organization	Frankfurt, Germany 09/2013 - 10/2014
Deutsche Lufthansa AG Strategic data analyst (intern), Department 'Sales Steering & Controlling'	Los Angeles, CA, USA 03/2011 - 09/2011

CURRENT RESEARCH PROJECTS

- (1) Leveraging Intellectual Property: The Value of Harmonized Enforcement Regimes (with A. Gill)
- (2) Intellectual Property as Loan Collateral: Evidence from France (with L. Ciaramella & L. Leitzinger)
- (3) Enabling or Accelerating? The Role of Venture Capitalists in the Innovation Lifecycle (with A. Gill & N. Gruzdov)
- (4) Early-stage financing and Startup performance: Evidence from the U.S. Seed Boom (with M. Kurakina)
- (5) Intellectual Property as Business Loan Collateral: A Taxonomy on Institutional and Economic Determinants (with L. Leitzinger & U. Walz)
- (6) No Pressure, No Diamonds? Financing Constraints and their Quantity-Quality Effects on Inventions
- (7) Small and Vulnerable? Financing Constraints During Economic Crises (with Ø. Nilsen & P. Karapanagiotis)

Early-stage projects:

- Green Capitalists: Extreme Weather Events and VC Investment Decisions (w/ F. Bracht)
- The Labor Economics of Inventing (w/ P. Momtaz & M. Shi)
- Startup Patent Sales: The Hidden Part of the Market for Technologies (w/ P. Momtaz)
- A New Metrics to Patent Market Valuation (w/ P. Momtaz)
- Financial Networks and Resilience to Crises in post-WWI Germany (w/ M. Liebald)

INVITED PRESENTATIONS AND CONFERENCES (*SCHEDULED)

- 2022** Goethe University Frankfurt · Norwegian School of Economics, Bergen · *EPIP* Conference, Cambridge University* · *IRMC* Conference, University of Bari* · TIME Seminar, TU Munich*
- 2021** SASE Conference 2021, University of Amsterdam (virtual) · Johannes Gutenberg University Mainz · Max Planck Institute for Innovation & Competition · The 11th RCEA Money, Macro & Finance Conference (virtual) · Munich Summer Institute (virtual)
- 2020** 2nd Conference on Behavioural Research in Finance, University of Giessen · Verein für Socialpolitik, University of Cologne (virtual) 13th Annual Conference on Innovation Economics, Searle Center (Northwestern) · *European Economic Association*, Erasmus University Rotterdam (virtual) · SASE Conference 2020, University of Amsterdam (virtual) · 37th International Conference of the French Finance Association (AFFI) · 2020 Annual Meeting of the Swiss Society for Financial Market Research, University of St. Gallen · 7th Corporate Finance Day, (HEC) Liège School of Management, University of Liège (virtual)
- 2019** IOS Seminar, Regensburg · New York University, Stern School of Business · *CAED* Conference at Ross School, of Business (University of Michigan) · *IRMC* Conference at Bocconi University, Milan · 12th Annual Conference on Innovation Economics at Searle Center, Northwestern University · *EPIP* Conference at ETH Zürich · *EARIE* Conference at Universitat Pompeu Fabra, Barcelona · Norwegian School of Economics, Bergen · Ludwig-Maximilians University Munich · Johannes-Gutenberg University Mainz · 20th Annual *GEABA* Symposium, WHU Otto Beisheim School of Management · European Patent Office, Munich · University of Copenhagen · 17th Paris December Finance Meeting

- 2018 CBE Seminar at Norwegian School of Economics, Bergen · International Conference on Entrepreneurship and Economic Development (*ICEED*) at University of Bari · Finance Brown Bag at Goethe University Frankfurt · 6th International Ph.D. Meeting in Economics at University of Macedonia (Thessaloniki) · EPO ARP meeting at European Patent Office · Microeconomics Brown Bag at Goethe University Frankfurt · Max Planck Institute for Innovation and Competition, Munich

RESEARCH GRANTS, SCHOLARSHIPS

- 2019 Foundation 'Freunde und Förderer der Goethe-Universität' · Grant: € 2,500
 2018 Faculty of Economics and Business Administration 'Forschungstopf' · Grant: € 2,000
 2017 European Patent Office Academic Research Programme (ARP) 2017 · Head of project team: *Financing Innovation in Europe* · Grant: € 24,000
 2015 DZ Bank award – Best Master Thesis; '*Capital Structure of European SMEs in the Aftermath of the Financial Crisis*' (Finalist)
 2010 Erasmus Scholarship (for Universitat de València)

TEACHING

- **Goethe Business School, Frankfurt University** (since 2020):
 - Management Control Systems (M.A.)
- **Norwegian School of Economics** (2019-2022):
 - Management Control Systems (M.Sc.) · R&D and Intellectual Property (TA - M.Sc.)
- **Johann-Wolfgang-Goethe University Frankfurt** (2014-2019):
 - Courses (as TA): Advanced Microeconomic Theory (Ph.D.) · Industrial Organization and Strategic Competition (B.Sc.) · Economics of Innovation (B.Sc.) · Microeconomics I (B.Sc.)
 - Seminars (as TA - all B.Sc.): "Economics of Digitalization" · "Business Strategy on the Road" · "Finance Meets the Real World"

Theses supervision: Supervision of numerous Bachelor (B.Sc.) and Master (M.Sc.) theses at Goethe University Frankfurt, Goethe Business School (Master), and Norwegian School of Economics (Master).
- **Other institutions, including guest lectures:**
 - Introd. to Competition Theory (MBA), **Frankfurt School of Finance & Management**
 - Management I (B.Sc.), **Vietnamese German University**

OTHER PROFESSIONAL QUALIFICATIONS

- Computer:** Programming and Applications: STATA · L^AT_EX · Python · R · SQL
- Languages:** German (native) · English (fluent) · Spanish (advanced) · French (basic)
- Advanced Trainings:**
- Ph.D. courses in Economics and Finance at GSEFM (Goethe University Frankfurt)
 - "Understanding Financial History", Prof. Harold James (Princeton)
 - Summer School, Barcelona Graduate School of Economics: Empirical Banking, Prof. José Luis Peydró (UPF) · Empirical Corporate Finance, Prof. Stefano Rossi (Bocconi)