Thilo Klein CV

68161 Mannheim, Germany web: https://klein.uk

CURRENT **ZEW**, Mannheim, Germany

Position Economist, Research Group "Market Design" 2017 – date

Head, Research Area "Design of Matching Markets" 2017 – date

Previous **OECD**, Paris, France

Positions Economist, Statistics Directorate 2014 – 2017

International Labour Organization (ILO), Geneva, Switzerland

Carlo-Schmid-Fellow, Enterprises Department 🖰 2012 – 2013

Spandana Financial Ltd., Hyderabad, India

Statistical Analyst, Business Development 🔁 2009

 $\mathbf{Bayer}\ \mathbf{AG},\ \mathrm{Leverkusen},\ \mathrm{Germany}$

Trainee, Supply Chain Management 2002 - 2004

EDUCATION University of Cambridge, UK

Ph.D. in Business Economics $^{\prime}$ 2010 – 2014

Thesis committee: Hamish Low, Maitreesh Ghatak, Paul Kattuman (advisor).

M.Phil. in Management Science & Operations ♥ 2009 − 2010

Courses cover: Mathematical Optimisation, Econometrics, Quant. Marketing, Networks.

Friedrich-Schiller-University Jena, Germany

Diploma in Business Education & Mathematics 2004 – 2009

M.Sc. equivalent. Additional facultative majors in Statistics and Economic Theory. Erasmus programme at Dublin Institute of Technology, Ireland and Comenius programme in Norway.

POSTGRADUATE Université Paris-Dauphine, France

EDUCATION

Certificate in Data Science 'a 2016

Courses cover: MapReduce, NoSQL, Machine Learning Algorithms, Cloud Computing.

UK Higher Education Academy, London

Postgraduate Certificate in Higher Education (PGCertHE) 🖰 2011 – 2012

Publications Klein, T. (2017). Intermediation in Peer-to-Peer Markets: Evidence from Auctions for Private Loans, ZEW Discussion Paper #17-073

Klein, T. (2017). Analysis of Stable Matchings in R: Package matchingMarkets, Vignette to R package matchingMarkets, The Comprehensive R Archive Network .

Klein, T. and S. Verhulst (2017). Access to New Data Sources for Statistics: Business Models and Incentives for the Corporate Sector, *OECD Statistics Working Paper #17/01* $\stackrel{\frown}{\square}$.

Robin, N., T. Klein and J. Jütting (2016). Public-Private Partnerships for Statistics. Lessons Learned, Future Steps, OECD Development Co-operation Working Paper #27 .

Greenwell, G. et al. (2016). Making Data Portals Work for SDGs: A View on Deployment, Design and Technology, *PARIS21 Discussion Paper #8* .

Klein, T., A. Galdin and E. Mohamedou (2016). An Indicator for Statistical Literacy Based on National Newspaper Archives, *IASE 2016 Roundtable Paper* .

Klein, T. (2015). Does Anti-Diversification Pay? A One-Sided Matching Model of Microcredit, Cambridge Working Papers in Economics #1521, University of Cambridge .

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- Policy Briefs

Klein, T. (2018). How Big Data Generated by Companies Can Be Used to Protect the Environment, ZEW News, Economic Policy Analysis, Issue 02/2018 .

Herzog, S. and T. Klein (2018). Matching Practices for Childcare in Germany, Matching-in-Practice Country Profile # 26 .

Fugger, N., T. Klein and T. Riehm (2017). Dezentrale Kitaplatzvergabe ohne Warteschlange: Ein Leitfaden, ZEW Policy Brief Nr. 4, Oktober 2017 .

Klein, T. (2017). Wie Städte dem Ansturm auf Kindertagesstätten begegnen können, Ökonomenstimme, Wirtschaftspolitische Analyse, 06-17 🛅.

Klein, T. (2017). How to Measure Global Statistical Literacy, OECD Statistics Newsletter, Issue 66, OECD Publishing $^{\smile}$.

Jütting, J. and T. Klein (2016). Measuring Support to Statistics in Developing Countries, OECD Statistics Newsletter, Issue 65, OECD Publishing .

- Reports

Badiee, S., J. Jütting and T. Klein (2017). The Role of National Statistical Systems in the Data Revolution, Chapter 3: Development Co-operation Report, OECD Publishing .

Badiee, S., T. Klein and E. Mohamedou (2017). Rethinking Donor Support for Statistical Capacity Development, Chapter 4: Dev. Co-operation Report, OECD Publishing .

Klein, T. and P. van de Ven (2017). Measuring the Value of Official Statistics, Chapter 5: UNECE Report on Recommendations for Promoting, Measuring and Communicating the Value of Official Statistics, United Nations ECE 📆.

PARIS21 (2015-17). Partner Report on Support to Statistics, OECD Publishing .

Espey, J. et al. (2015). Data for Development: A Needs Assessment for SDG Monitoring and Statistical Capacity Development, *Technical Report*, *United Nations SDSN* .

- Books

Klein, T. (2015). Matching for Credit: Implications for Market Design and Econometric Analysis, *Dissertation*, *University of Cambridge*.

Klein, T. (2012). Why Do India's Urban Poor Choose to Go Private? Health Policy Simulations in Slums of Hyderabad, *Ibidem Verlag: Stuttgart*, *ISBN 978-3-8382-0238-9* .

Klein, T. (2010). Microfinance 2.0: Group Formation & Repayment Performance in Online Lending Platforms, *Ibidem Verlag: Stuttgart*, *ISBN 978-3-8382-0118-4* .

Press Coverage Frankfurter Allgemeine Zeitung (F.A.Z.): 06/2017 , 11/2010 , 01/2010 ; Significance Magazine: 02/2017 ; OECD Statistics Newsletter: 11/2016 , 06/2017 ; ZEW News: 06/2017 , 07-08/2017 , 12/2017 , 01-02/2018 ; Ökonomenstimme: 07/2017 .

Teaching

DHBW, Mannheim

Lecturer, Business Mathematics and Statistics

2017/18

OECD, France

Lecturer, Data Visualisation

2014/15 - 2016/17

Eberhard-Karls-University Tübingen, Germany

Lecturer, Microfinance (Credit, Savings & Insurance)

2013/14

University of Cambridge, UK

Lecturer, Game Theory $\stackrel{\bullet}{\square}$ 2013/14 - 2014/15 Lecturer, Replication Lab $\stackrel{\bullet}{\square}$ 2013/14 - 2013/14 Lecturer, Econometrics I $\stackrel{\bullet}{\square}$ 2010/11 - 2011/12 Lecturer, Econometrics II $\stackrel{\bullet}{\square}$ 2010/11 - 2011/12 Lecturer, Advanced Quantitative Methods $\stackrel{\bullet}{\square}$ 2010/11 - 2011/12 Lecturer, Quantitative Methods $\stackrel{\bullet}{\square}$ 2010/11 - 2011/12

LANGUAGES

German (native); English (fluent); French (conversational)

Programming

R; C++; Java; SQL; Hadoop framework; LATEX.