Thilo Klein  $\mathbf{CV}$ 

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Current **ZEW**, Mannheim, Germany Position

Economist, Research Group "Market Design" Jun 2017 – present

Head, Research Area "Design of Matching Markets" Jun 2017 present

OECD, Paris, France Previous Positions

Oct 2014 - Jun 2017 Economist, Statistics Directorate

Lead on global indicator development, flagship report on development finance and organisation of high-level meetings. Technical co-operation in Africa, Asia-Pacific and Eastern Europe, co-ordination of international task teams, liaison with stakeholders and fundraising.

International Labour Organization (ILO), Geneva, Switzerland

Consultant, Enterprises Department Sep 2012 - May 2013

Design, analysis and proposal development for impact evaluations and co-development of a global monitoring system for the ILO flagship entrepreneurship training programme.

Spandana Financial Ltd., Hyderabad, India

Jun 2009 - Sep 2009 Statistical Analyst, Business Development

Implementation of a credit scoring system for India's second largest microfinance institution. Design and evaluation of discrete choice experiments for maternity care in urban slums.

Max-Planck-Institute of Economics, Jena, Germany

Research Assistant, Public Policy Group Mar 2007 - Oct 2008

Bayer AG, Leverkusen, Germany

Oct 2002 - Jul 2004 Trainee, Supply Chain Management

University of Cambridge, UK EDUCATION

> Ph.D. in Business Economics Oct 2010 - Sep 2014

> Dissertation: "Matching for Credit: Implications for Market Design & Econometric Analysis"

Oct 2009 - Jul 2010 M.Phil. in Management Science & Operations

Courses cover: Mathematical Optimisation, Game Theory, Econometrics, Social Networks.

Friedrich-Schiller-Universität Jena, Germany

Diploma in Business Education & Mathematics Sep 2004 – Apr 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.

Université Paris-Dauphine, France EXECUTIVE EDUCATION

Certificate in Data Science Feb 2016 - Jun 2016

1. Does Anti-Diversification Pay? A One-Sided Matching Model of Microcredit, Cambridge Selected Publications

Working Papers in Economics #1521, Faculty of Economics, University of Cambridge 🛅.

2. Analysis of Stable Matchings in R: Package matchingMarkets, Vignette to R package matchingMarkets, The Comprehensive R Archive Network .

3. Why Do India's Urban Poor Choose to Go Private? Health Policy Simulations in Slums of Hyderabad, *Ibidem Press*, 2012, *ISBN 978-3-8382-0238-9* .

4. Microfinance 2.0 - Group Formation & Repayment Performance in Online Lending Platforms, Ibidem Press, 2010, ISBN 978-3-8382-0118-4 .

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Poli	CY	Papers
AND	ΑR	TICLES

1. Access to New Data Sources for Statistics: Business Models and Incentives for the Corporate Sector, OECD Statistics Working Paper #17/01 . (with S. Verhulst)

- 2. Public-Private Partnerships for Statistics. Lessons Learned, Future Steps, OECD Development Co-operation Working Paper #27 . (with N. Robin and J. Jütting)
- 3. An Indicator for Statistical Literacy Based on National Newspaper Archives, *IASE 2016 Roundtable Paper* . (with A. Galdin and E. Mohamedou)
- 4. Making Data Portals Work for SDGs: A View on Deployment, Design and Technology, *PARIS21 Discussion Paper #8* . (with G. Greenwell et al.)
- 5. Measuring Support to Statistics in Developing Countries, OECD Statistics Newsletter, Issue 65 🖰. (with J. Jütting)
- 6. How to Measure Global Statistical Literacy, OECD Statistics Newsletter, Issue 66 🖰.

### Reports

- 1. Rethinking Donor Support for Statistical Capacity Development, Chapter 4: 2017 Development Co-operation Report, OECD Publishing, Paris . (with S. Badiee)
- 2. Measuring the Value of Official Statistics, Chapter 5: UNECE Recommendations on the Value of Official Statistics, UNECE, 2017 . (with P. van de Ven)
- 3. Data for Development: A Needs Assessment for SDG Monitoring and Statistical Capacity Development, *Technical Report*, *UNSDSN*, 2015 . (with J. Espey et al.)
- 4. Partner Report on Support to Statistics, Technical Report, Partnership in Statistics for Development in the 21st Century (PARIS21), Issues 2015-2017 .

## Press Coverage

Frankfurter Allgemeine Zeitung (FAZ): 11/2010 , 06/2017 ; Significance Magazine: 02/2017 , OECD Statistics Newsletter: 11/2016 , 06/2017 ; ZEW News: 06/2017

## TEACHING EXPERIENCE

# OECD, France

Course leader, Data Visualisation

Oct 2014 – Jun 2017

### Eberhard-Karls-Universität Tübingen, Germany

Lecturer, Microfinance (Credit, Savings & Insurance) Apr 2014 – Jul 2014

# University of Cambridge, UK

Lecturer, Game Theory (with Chi Kong Chyong)	${ m Oct}  { m 2013-Apr}  { m 2015}$
Lecturer, Replication Lab 🛅 (with Paul Kattuman)	Oct 2013 – Apr 2014
Lecturer, Econometrics 🖰 and Quantitative Methods 🖰	$Oct \ 2010 - Apr \ 2012$
Supervisor, Economics of Firms & Markets (Mgmt Tripos)	Oct 2009 – Jun 2010
Supervisor, Theory & Practice of Econometrics (Econ Tripos)	Oct 2009 – Jun 2010

# Friedrich-Schiller-Universität Jena, Germany

Tutor, Macroeconomics	$\mathbf{Apr}\ 2006-\ \mathbf{Jul}\ 2008$
Tutor, Statistics	$\mathbf{Apr}\ 2008-\ \mathbf{Jul}\ 2008$
Tutor, Microeconomics	$\mathbf{Oct}\ 2007 - \mathbf{Feb}\ 2008$
Tutor, Mathematics I+II	Oct 2005 – Jul 2006

## CONFERENCE ORGANIZATION

PARIS21 Partnership Annual Meetings	$\mathbf{Apr}\ 2015 - \mathbf{Apr}\ 2017$
OECD-PARIS21 Big Data Workshop 🛅	Dec 2015
Cambridge JBS Doctoral Conference	${ m Dec}\ 2011-{ m Dec}\ 2014$

## ATHLETIC ACHIEVEMENTS

German athletic champion with the 3x1000m relay (Schweinfurt, 29/07/2001) and runner-up in the 800m junior championships (Dresden, 14/07/2000).

### LANGUAGES

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

### Programming

R; C++; SQL; Hadoop framework; Markdown; LATEX; HTML; PHP; CSS; JavaScript.