

MATTHIAS RADDANT

Kiel University

Department of Economics
Wilhelm-Seelig Platz 1
24118 Kiel, Germany
+49 431 880 3386
raddant@economics.uni-kiel.de

born 14 March 1981
German citizen
married, one daughter

RESEARCH INTERESTS

Financial Markets, Economic Networks, Complex Systems

EDUCATION

Dr. sc. pol. in Quantitative Economics (Ph.D. equivalent), Kiel University, July 2012
Thesis title: Networks in Financial Markets, supervisor: Thomas Lux, summa cum laude

Diploma in Economics, Kiel University, January 2007 (M.Sc. equivalent)

Visiting student to Erasmus University Rotterdam in 2004

EXPERIENCE

Assistant Professor Department of Economics, Kiel University	August 2012 - present
Researcher Institute for the World Economy, Kiel	May 2011 - April 2019
Parental Leave	November 2018 - February 2019
Visiting Researcher Keio Business School, Keio University	October 2018
Acting Head Research Area Financial Markets and Macroeconomic Activity Institute for the World Economy, Kiel	August 2013 - July 2014
Research and Teaching Assistant Department of Economics, Chair of Monetary Economics and International Finance Christian-Albrechts-Universität, Kiel	September 2007 - July 2012
Market Research Leasing Department, New Business Development HSH Nordbank AG, Kiel	March - August 2007
Internship HSH Nordbank AG, Kiel	December 2006 - February 2007
Internship Ministry for Science, Economics and Transportation, Kiel	August - September 2005

RESEARCH VISITS

Keio University (Japan)
KBS Keio Business School

October 2018

**GESIS Leibniz Institute
for the Social Sciences (Germany)**
Computational Social Science

May - August 2017
(part time)

University Jaume I (Spain)
Department of Economics

September 2014
and October 2015

Boston University (USA)
Center for Polymer Studies

October 2013
and June 2014

Umeå University (Sweden)
Icelab

July 2011, July - August 2014,
July 2017

Tel Aviv University (Israel)
School for Physics and Astronomy

January 2011

PUBLICATIONS

JOURNAL PUBLICATIONS

- Raddant, M., M. Milaković, and L. Birg (2017). Persistence in corporate networks. *Journal of Economic Interaction and Coordination* 12(2), 249–276.
- Raddant, M. and F. Wagner (2017). Transitions in the stock markets of the US, UK, and Germany. *Quantitative Finance* 17(2), 289–297.
- Raddant, M. and F. Wagner (2016). Phase transition in the S&P stock market. *Journal of Economic Interaction and Coordination* 11(2), 229–246.
- Karimi, F. and M. Raddant (2016). Cascades in real interbank markets. *Computational Economics* 47(1), 49–66.
- Raddant, M. (2014). Structure in the Italian interbank loan market. *Journal of International Money and Finance* 41, 197–213.
- Milaković, M., S. Alfarano, and M. Raddant (2013). A note on institutional hierarchy and volatility in financial markets. *The European Journal of Finance* 19(6), 449–465.
- Kenett, D. Y., M. Raddant, T. Lux, and E. Ben-Jacob (2012). Evolvement of uniformity and volatility in the stressed global financial village. *PloS one* 7(2), e31144.
- Kenett, D. Y., M. Raddant, L. Zatlavi, T. Lux, and E. Ben-Jacob (2012). Correlations and dependencies in the global financial village. *International Journal of Modern Physics: Conference Series* 16, 13–28.

OTHER PUBLICATIONS

- Fiedler, S., N. Jansen, and M. Raddant (2017). The corporate sector purchase programme (CSPP): Challenges and future prospects. *In-Depth Analysis prepared for the Monetary Dialogue of the European Parliament*.
- Alfarano, S., D. Fricke, T. Lux, and M. Raddant (2016). Network approaches to interbank markets: Foreword. *Computational Economics* 47(1), 1–2.
- Fiedler, S., K.-J. Gern, M. Raddant, and U. Stolzenburg (2016). Financial market fragmentation in the euro area: State of play. *In-Depth Analysis prepared for the Monetary Dialogue of the European Parliament*.
- Raddant, M. (2016). The response of European stock markets to the Brexit. *Kiel Policy Brief* 100.
- Raddant, M. (2012). *Networks in Financial Markets*. Dissertation, Kiel University.
- Milaković, M., M. Raddant, and L. Birg (2010). Hierarchy in Germany’s corporate network. *Advances in Social Networks Analysis and Mining, Conference Proceedings* 41, 395–369.

WORKING PAPERS

- Raddant, M. and H. Takahashi (2019). The Japanese corporate board network. *Kiel Working Paper* 2130.
- Raddant, M. and F. Wagner (2017). Multivariate GARCH with dynamic beta. *arXiv: 1609.07051v2*.
- Raddant, M. and D. Y. Kenett (2016). Interconnectedness in the global financial market. *OFR Working Paper No. 16-09*.

Total citations: 73 (Scopus), 214 (Google Scholar)

TEACHING

Theory of Financial Markets, 2013, 2016, CAU Kiel, Master Program lecture

Networks, 2012, 2014, 2016, 2017 CAU Kiel, Master Program lecture

Numerous tutorials at the CAU Kiel, e.g. on Financial Economics, International Financial Markets, Agent-based models, Network Science, Pricing in Derivative Markets, Monetary Economics

(Co)Supervision of more than 40 Diploma, Bachelor and Master theses at the CAU Kiel

Supervision of 13 students in the Advanced Studies Program of the Kiel Institute

TALKS FOR THE PUBLIC AT LARGE AND POLICY MAKERS

December 2016 Economics, Finance and Growth, Guest Lecture
Kiel University, Sustainability Management Programme, Seminar on Degrowth

June 2016 Was lernen wir aus Finanzkrisen?
Talk in the series "Forum Bundesbank"

June 2014 Finanzkrisen, dissemination talk at the "Kieler Woche"

October 2013 Policy Workshop: Vernetzung und Ansteckungsgefahren im Finanzsektor
Ministry of Finance, Berlin (talk)

March 2013 Ways Forward in Banking Regulation, Panel Discussion with S. Cechetti
Berlin, Hertie School of Governance (panelist)

*** shortened version – full cv upon request ***