

MATTHIAS RADDANT

German citizen, born 14 March 1981, married, two daughters

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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

Research Fellow

Danube University Krems

October 2021 - present

Researcher

Complexity Science Hub Vienna

October 2021 - present

Parental Leave

February 2021 - September 2021

Assistant Professor

Department of Economics, Kiel University

August 2012 - September 2021

Researcher

Institute for the World Economy, Kiel

May 2011 - April 2019

Parental Leave

November 2018 - February 2019

Visiting Researcher

Keio Business School, Keio University, Tokyo

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, Kiel University

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 INTERESTS

Economic Networks, Financial Markets, Mineral Resources, Complex Systems

I am interested in international financial market, as well as in the interactions of market participants and firms. I research on the dynamics of financial integration and comovement in asset markets, I also model and analyze multilevel firm and bank networks and its implications for performance and economic stability.

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

HONORS AND AWARDS

Fellowship of the Japan Society for the Promotion of Sciences (2018)
Erich Schneider Prize for the best Dissertation in Economics at the CAU Kiel (2012)
DAAD Research Assistantship (March 2011)
Erasmus-Socrates Scholarship (2004)

PROFESSIONAL DEVELOPMENT

Didactic Methods in Academic Teaching, CAU Kiel (2015)
Conflict Resolution, PERLE Kiel (2015)
English for Business, Fachsprachenzertifikat Unicert III (2004)

IT, SOFTWARE & PROGRAMMING

Proficient in Matlab, MS Office, Linux and Windows OS, Latex
Experienced in R, Python, Eviews, Eikon
Some experience: SAP, html, Stata, Gauss, Mac OS

RESEARCH PUBLICATIONS peer reviewed

- Raddant, M. and H. Takahashi (2021). Corporate boards, interorganizational ties and profitability: The case of Japan. *Empirical Economics*. forthcoming.
- Raddant, M. and F. Wagner (2021). Multivariate GARCH with dynamic beta. *The European Journal of Finance*. forthcoming.
- Steinbacher, M., M. Raddant, F. Karimi, E. Cuenca, S. Alfarano, G. Iori, and T. Lux (2021). Advances in the agent-based modeling of economic and social behavior. *SN Business & Economics* 1(99).
- Raddant, M. and D. Y. Kenett (2021). Interconnectedness in the global financial market. *Journal of International Money and Finance* 110, 102280.
- 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.
- Karimi, F. and M. Raddant (2016). Cascades in real interbank markets. *Computational Economics* 47(1), 49–66.
- Raddant, M. and F. Wagner (2016). Phase transition in the S&P stock market. *Journal of Economic Interaction and Coordination* 11(2), 229–246.
- 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 incl. policy

- 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.
- Total citations: 106 (Scopus), 301 (Google Scholar)**

***** full cv upon request *****