MATTHIAS RADDANT

Kiel Institute for the World Economy
Kiellinie 66
24105 Kiel, Germany
+49 431 8814 276
matthias.raddant@ifw-kiel.de

Christian-Albrechts-Universität
Department of Economics
Wilhelm-Seelig Platz 1
24118 Kiel, Germany
+49 431 880 3386

born 14 March 1981 in Bad Segeberg, German citizen, married
papers available at: www.raddant.de

RESEARCH INTERESTS

Financial Markets, Economic Networks, Complex Systems, Agent-based modeling

EDUCATION

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

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

Visiting student to Erasmus University Rotterdam in 2004

EXPERIENCE

Researcher — May 2011 - present
Institute for the World Economy, Kiel

Assistant Professor — August 2012 - present
Department of Economics, Chair of Monetary Economics
and International Finance
Christian-Albrechts-Universität, Kiel

Acting Head — August 2013 - July 2014
Research Area Financial Markets and Macroeconomic Activity
Institute for the World Economy, Kiel

Research and Teaching Assistant — September 2007 - July 2012
Department of Economics, Chair of Monetary Economics
and International Finance
Christian-Albrechts-Universität, Kiel

Market Research — March - August 2007
Leasing Department, New Business Development
HSH Nordbank AG, Kiel

Internship — December 2006 - February 2007
HSH Nordbank AG, Kiel

Internship — August - September 2005
Ministry for Science, Economics and Transportation, Kiel

PUBLICATIONS

M. Raddant, M. Milaković, L. Birg (in press) Persistence in corporate networks, *Journal of Economic Interaction and Coordination*, DOI: 10.1007/s11403-015-0165-5.

M. Raddant, F. Wagner (in press) Phase Transition in the S&P Stock Market, *Journal of Economic Interaction and Coordination*, DOI: 10.1007/s11403-015-0160-x.

F. Karimi, M. Raddant (in press) Cascades in real interbank markets, *Computational Economics*, DOI: 10.1007/s10614-014-9478-z.

M. Raddant (2014) Structure in the Italian Overnight Loan Market, *Journal of International Money and Finance*, 41, 197–213.

M. Milaković, S. Alfarano, M. Raddant (2013) A Note on institutional hierarchy and volatility in financial markets, *The European Journal of Finance*, 19(6), 449–465.

D.Y. Kenett, M. Raddant, L. Zatlavi, T. Lux, E. Ben-Jacob (2012) Correlations and dependencies in the global financial village, *International Journal of Modern Physics*: Conference Series, 16, 13–28.

D.Y. Kenett, M. Raddant, T. Lux, E. Ben-Jacob (2012) Evolvement of uniformity and volatility in the stressed global financial village, *PLoS ONE*, 7(2).

RESONANCE IN POPULAR MEDIA AND CONTRIBUTES ARTICLES

Online expert for 'Hart aber fair' (ARD, German television) Faktencheck: Minizinsen und Wackeleuro – macht die Krise uns arm? 27 October 2014,
http://www1.wdr.de/themen/politik/faktencheck398.html.

Wenn Banken krank werden - Ansteckungseffekte im Finanzsektor (with M. Montagna), IfW Highlights 2013 (contributed article)

Globaler Aktienmarkt: Abhängigkeiten und Schwankungen nehmen zu, IfW Highlights 2012 (contributed article)

Early Detection of Collapse Waves in the Global Financial Markets - A New Methodology, Money Science, 10 Feb 2012 (www.moneyscience.com)

Market Crashes are like Brain Seizures, The Jewish Chronicle Online, 11 Oct. 2012 (www.thejc.com)

Adviser for a special issue on money for National Geographic World mini (German edition), July 2009.

COMMITTEE WORK

Co-organizer, Dynamic Macroeconomics workshop, CAU and IfW Kiel (November 2015)
Session organizer, Global Economic Symposium 2015, The Financial System and Public Value
Steering committee, German Network for New Economic Dynamics (GENED)
Organizing committee, COMPSAC Workshop Social Services through Human and Artificial Agent Models (June 2014)
Organizer of GENED School and Workshop on Networks in Finance and Macroeconomics, IfW Kiel, April 2014
Co-Organizer of the conference "Network Approaches for Interbank Markets" in Castellón in 2013
Policy coordinator, Research Area Financial Markets, IfW Kiel (June 2011 - July 2014)
Study Adviser, MA Quantitative Finance, CAU Kiel (October 2009 - June 2011)
Tenure committee, Theoretical Macroeconomics, CAU Kiel (in 2009)

ACADEMIC SERVICE

Assistant Editor of Economics (since January 2014)
Guest Editor for the Journal of Computational Economics (2014/15)
Evaluator for the Severo Ochoa Grant 2013 (Ministerio de Economia Y Competitividad, Spain)
Reviewer for the book 'Analyzing the Economics of Financial Market Infrastructures', IGI Global
Selection committee, Take-Maracke prize (since 2015)

Refereeing: Journal of Economic Dynamics and Control, Journal of Computational Economics, Physica A, PlosOne, Socio-Economics, Empirical Economics, Journal of Economic Interaction and Coordination, Journal of Risk and Financial Management, Journal on Wireless Communications and Networking, Evolutionary and Institutional Economic Review

*** shortened version, detailed cv upon request ***