



2017 RiskLab/BoF/ESRB Conference on Systemic Risk Analytics

28 – 30 June 2017

Arcada University of Applied Sciences
Jan-Magnus Janssonin aukio 1, 00560 Helsinki, Finland
and

Bank of Finland
Finnish Financial Supervisory Authority premises, Snellmaninkatu 6, 00170 Helsinki, Finland

Workshop, Wednesday 28 June 2017

Bank of Finland, Snellmaninkatu 6, 00170 Helsinki

13:00–13:30 Registration & coffee

13:30–13:45 Opening remarks: Marja Nykänen, Member of the Board, Bank of Finland

13.45–15:15 Workshop – session 1 Regulation and financial stability analysis
chair: Esa Jokivuolle

Ricardo Correa, Keshav Garud, Juan M. Londonoy, and Nathan Mislang
Sentiment in central bank's financial stability reports

Hannes Köster and Matthias Pelster
Financial penalties and the systemic risk of bank

Paolo Giudici and Laura Parisi
Bail-in or Bail-out? Default probability contagion in the European banking System

15:15–15:45 Refreshments

15:45–17:15 Workshop – session 2 Banking
chair: Peter Sarlin

Gábor Fukker
Harmonic distances, centralities and systemic stability in heterogeneous interbank networks

Marco lo Duca, A. Koban, C. Detken, B. Klaus, T. Peltonen, M. Basten, P. Kusmierczyk and J. H. Lang
A new database for financial crises in European countries

Evening Get-together



Day 1, Thursday 29 June 2017

Arcada University of Applied Sciences, Jan-Magnus Janssonin aukio 1, 00560 Helsinki

8:00–9:00 Registration & coffee

9:00–9:15 Conference opening: Kaj-Mikael Björk, Head of Department, Arcada University of Applied Sciences

9:15–10:45 Session 1 –Global Financial Crisis
chair: Tuomas Peltonen

Seung Jung Lee, Kelly E. Posenau and Viktors Stebunovsz
The Anatomy of Financial Vulnerabilities and Crises

Marco Bardoscia, Paolo Barucca, Adam Brinley Codd and John Hill
The decline of solvency contagion

Jan Hannes Lang and Peter Welz
Semi-structural credit gap estimation

10:45–11:15 Refreshments

11:15–12:45 Session 2 – Beyond banking
chair: Katja Taipalus

Frank Hespeler
Monitoring Interconnectedness in the Money Market Fund Industry

Naoise Metadger and Kitty Moloney
Liquidity Analysis of Bond and Money Market Funds

Paolo Barucca, Tahir Mahmood and Laura Silvestri
Common asset holdings and systemic vulnerability across multiple types of financial institutions

12:45–14:00 Lunch & poster session 1

14:00–15:00 Keynote: Daniel Gros, Director of Centre for European Policy Studies

15:00–16:30 Session 3 – Markets and market infrastructure
chair: Matti Viren

Pawel Fiedor, Sarah Lapschies and Lucia Orszaghova
Networks of central counterparties in the EU-wide interest rate derivatives market

Marco D'Errico, Tuomas Peltonen and Tarik Roukny
A new toolkit for monitoring and managing systemic risk based on excess and compression

Jean-Charles Garibal, Patrick Kouontchou, Bertrand Maillet and Sessi Tokpavi
What is a SIFI? On the Systemic Importance of Financial Institutions as determined by an Extended CAPM with Systemic Risk



Day 2, Friday 30 June 2017

Arcada University of Applied Sciences, Jan-Magnus Janssonin aukio 1, 00560 Helsinki

8:00–9:00 Registration & coffee

9:00–10:00 Keynote: Ross Levine, Professor at Haas School of Business, UC Berkely

10:00–12:00 Session 4 – Financial stability implications of low interest rates
chair: Karko Kauko

Andre Lucas, Federico Nucera, Julia Schaumburg and Bernd Schwaab
Do negative interest rates make banks less safe?

Stefan Kerbl and Michael Sigmund
Negative Interest Rates: Forecasting Banks' Profitability in a New Environment

Benjamin Kay
Implications of Central Banks' Negative Policy Rates on Financial Stability

Gregory J. Cohen, Seung Jung Leey and Viktors Stebunovsz
Limits to Monetary Policy Transmission at the Zero Lower Bound and Beyond: The Role of Nonbanks

12:00–13:15 Lunch & poster session 2

13.15–14.15 Keynote: Erkki Liikanen, Governor, Bank of Finland

14:15–15:45 Session 5 – Interconnectedness in the banking system
chair: Esa Jokivuolle

Anne-Caroline Hüser and Christoffer Kok
Systemic risk accounting

Alejandro de la Concha, Serafin Martinez-Jaramillo and Christian Carmona
Multiplex financial networks: revealing the level of interconnectedness in the banking system

Mark D. Flood, Dror Y. Kenett, Robin L. Lumsdaine and Jonathan K. Simon
The Complexity of Bank Holding Companies. A Topological Approach

15:45 Closing remarks & refreshments

16:30 End of conference



Poster sessions

Poster session 1

Francesco Lamperti, Andrea Roventini and Amir Sani

Agent-Based Model Calibration using Machine Learning Surrogates

Mohamed Bakoush, Enrico H. Gerding and Simon Wolfe

Margin Procyclicality and Systemic Risk

Thomas Forss

News-sentiment networks as a risk indicator

Poster session 2

Thiago Christiano Silva, Michel Alexandre da Silva and Benjamin Miranda Tabak

Systemic Risk in Financial Systems: a feedback approach

Christoph Siebenbrunner

Clearing algorithms and network centrality

Antoine Mandel and Amir Sani

An Automatic Algorithm to Manage the Forecast Combination Puzzle