Pre-conference workshop, Wednesday 23 September 2015

13:00–13:30 Registration & coffee

13:30–13:35 Opening remarks: Kaj-Mikael Björk (Head of Department of Business Management and Analytics, Arcada University of Applied Sciences)

13:35–16:00 Pre-conference workshop – session 1

Chair: Peter Sarlin (Hanken School of Economics, RiskLab Finland)

Markus Holopainen & Peter Sarlin
CrisisModeler: a tool for exploring crisis predictions

Stijn Ferrari & Mara Pirovano
Early warning indicators for banking crises: a conditional moments approach

Fuchun Li & Hong Xiao
Early warning for financial stress events: a credit-regime switching approach

Markus Behn, Marco Gross & Tuomas Peltonen
Assessing capital-based macroprudential policy using an integrated early warning GVAR model

16:00–16:30 Refreshments

16:30–18:30 Pre-conference workshop – session 2

Chair: József Mezei (Åbo Akademi University, RiskLab Finland, Arcada University of Applied Sciences)

Michela Rancan, Andrea Pagano & Marco Petracco Giudici
Cross border losses in the European banking sector

André Silva
Strategic complementarity in banks' funding liquidity choices and financial stability

Consuelo Silva-Buston
Systemic risk and competition: the bright side of bank concentration

18:30 End of pre-conference workshop

20:30– Get together
Day 1, Thursday 24 September 2015

8:00–9:00  Registration & coffee

9:00–9:05  Conference opening: Seppo Honkapohja (Member of the Board, Bank of Finland)

9:05–10:00  Keynote: Philipp Hartmann (Deputy Director General Research, European Central Bank) Systemic risk research and macroprudential policy making: Where do we stand?

10:00–12:00  Session 1 – Systemic risk measurement

Chair: Karlo Kauko (Bank of Finland)

Federico Nucera, Bernd Schwaab, Siem Jan Koopman & André Lucas
The information in systemic risk rankings

Maarten R.C. van Oordt & Chen Zhou
Systemic risk and bank business models

Gunter Löffler & Peter Raupach
Pitfalls in the use of systemic risk measures

12:00–13:30  Lunch & poster session 1

13:30–14:00  Keynote: Erkki Liikanen (Governor, Bank of Finland) The role of analysis in macroprudential policy

14:00–16:00  Session 2 – Contagion and interbank markets

Chair: Jouko Vilmunen (Bank of Finland)

Stefano Battiston, Marco D’Errico, Tuomas Peltonen & Martin Scheicher
Passing the hot potato: how does credit risk flow in the CDS market?

Tarik Roukny, Stefano Battiston & Joseph E. Stiglitz
Interconnectedness as a source of uncertainty in systemic risk

Monica Billio, Massimiliano Caporin, Roberto Panzica & Loriana Pelizzon
The impact of network connectivity on factor exposures, asset pricing and portfolio diversification

16:00–16:30  Refreshments & poster session 2

16:30–17:45  Session 3 – Big data

Chair: Kaj-Mikael Björk (Arcada university of Applied Sciences)

Rickard Nyman, David Gregory, Sujit Kapadia, Paul Ormerod, David Tuckett & Robert Smith
News and narratives in financial systems: exploiting big data for systemic risk assessment

Samuel Rönnqvist & Peter Sarlin
Detect & Describe: deep learning of bank stress in the news

17:45  End of day 1
Day 2, Friday 25 September 2015

8:00–9:00  Registration & coffee

9:00–10:00  Keynote: Jon Danielsson (Associate Professor of Finance, Director of the Systemic Risk Centre of the London School of Economics and Political Science)
On the nature of financial risk: Why risk is so hard to measure and why (systemic) risk models fail so often

10:00–12:00 Session 4 – Liquidity
Chair: Jouni Timonen (Bank of Finland)

Ben Craig, Dilyara Salakhova & Martin Saldias
Payment delays and contagion

Prasanna Gai & Sujit Kapadia
Liquidity hoarding, network externalities, and interbank market collapse

Marco van der Leij, Serafin Martinez-Jaramillo, Jose Luis Molina-Borboa & Fabrizio Lopez-Gallo
Liquidity hoarding in the interbank market: Evidence from Mexican interbank overnight loan and repo transactions

12:00–13:30 Lunch & poster session 3

13:30–14:30  Keynote: Stefano Battiston (Professor of Banking, University of Zurich)
The price of complexity in financial markets

14:30–16:00  Session 5 – Interconnectedness and networks
Chair: Kimmo Virolainen (Bank of Finland)

The missing links: a global study on uncovering financial network structure from partial data

Iñaki Aldasoro & Ivan Alves
Multiplex interbank networks and systemic importance. An application to European data

16:00–17:30  Session 6 – Stress testing and market risk
Chair: Virginie Traclet (Bank of Canada)

Jill Cetina, Mark Paddrik & Sriram Rajan
A systemwide stress testing of the credit default swap market

Ekaterina Neretina, Cenkhan Sahin & Jakob de Haan
Banking stress test effects on returns and risks

Mark D. Flood, Philip Monin & Lina Bandyopadhyay
Gauging form PF: Data tolerances in regulatory reporting on hedge fund risk exposures

17:30–18:00 Refreshments & closing remarks

18:00  End of conference
**Poster sessions**

**Poster session 1 – Systemic risk, prediction and policies**

**Jozsef Mezei & Peter Sarlin**  
*RiskRank: Measuring interconnected risk*

**David Aikman, Michael Kiley, Seung Jung Lee, Michael Palumbo & Missaka Warusawitharana**  
*Mapping heat in the U.S. Financial system*

**William Abel & Laura Silvestri**  
*An empirical analysis of network reconstruction methods using UK CDS networks*

**Christoph Siebenbrunner, Michael Sigmund & Stefan Kerbl**  
*Estimating network contagion with limited data*

**Poster session 2 – Shadow banking, financial markets and financial market infrastructure**

**Frank Hespeler & Giuseppe Loiacono**  
*Monitoring systemic risk in the hedge funds sector*

**Alejandro Bernales & Mario di Filippo**  
*The information contained in money market interactions: unsecured vs. Collateralized lending*

**Paolo Giudici & Laura Parisi**  
*Modeling sovereign risk with correlated stochastic processes*

**Poster session 3 – Systemic risk, competition and contagion**

**Jingnan Chen, Mark D. Flood & Richard B. Sowers**  
*Uncertainty quantification and the certification problem: an application to financial stress testing*

**Aurélien Leroy & Yannick Lucotte**  
*Is there a competition-stability trade-off in European banking?*

**Julien Idier & Thibaut Piquard**  
*Pandemic in financial systems and liquidity emergency*

**Grzegorz Halaj, Tuomas Peltonen & Martin Scheicher**  
*Default events and evolution of CDS market structure*

**Patrik Kouontchou, Alejandro Modesto & Bertrand Maillet**  
*When unity makes strength: a systemic risk index*