

PAYMENT AND SETTLEMENT SIMULATION SEMINAR AND WORKSHOP

28-29 August 2007, at Bank of Finland, Rauhankatu 19, Helsinki

Day 1

- 09.00 – 09.15 Registration and coffee
- 09.15 – 09.20 Opening of the seminar
Pentti Hakkarainen, Member of the Board
- 09.20 – 09.40 BoF-PSS2 Simulator, Current situation and recent developments
Harry Leinonen, Adviser to the Board
- 09.40 – 10.20 Tour de Table- experience with BoF-PSS2
Participants
- 10.20 – 10.40 Refreshments
- 10.40 – 11.20 Dynamic model of funding in interbank payment systems
*Speaker: Jamie McAndrews, Federal Reserve Bank of New York
Kimmo Soramäki Helsinki University of Technology*
Discussant: Kristian Andersen, Danmarks Nationalbank
- 11.20 – 12.00 A Competitive multi agent model of interbank payment systems.
*Speaker: Kimmo Soramäki, Helsinki University of Technology
Marco Galbiati, Bank of England*
Discussant: Fabien Renault, Banque de France
- 12.00 – 13.50 Lunch
- 13.50 – 14.30 Congestion and Cascades in Coupled Payment Systems
*Speaker: Bob Glass and Walter Beyeler, Sandia National
Laboratories*
Discussant: Neville Arjani, Bank of Canada
- 14.30 – 14.50 Refreshments
- 14.50 – 15.30 Systemically important accounts, network topology and contagion in ARTIS.
*Speaker: Michael Boss & Claus Pühr, Österreichische
Nationalbank*
Discussant Paul Osse, De Nederlandsche Bank:
- 15.30 – 15.50 Simulation of participant level operational disruptions in SIC
Speaker: Martina Glaser, Swiss National Bank
- 15.50 – 16.10 Stress simulations in the Dutch interbank payment system
Speaker: Ronald Heijmans, De Nederlandsche Bank
- 16.10 – 16.30 Operational disruptions and the Hungarian RTGS system VIBER
*Speaker: Ágnes Lubláy, Collegium Budapest and
Eszter Tanai, Magyar Nemzeti Bank*
- 16.30- 16.50 Comparison and discussion of the three presentations of operational disruptions
Discussant: Kristiaan Roefs, National Bank of Belgium

For the evening, all participants are invited to a quick tour of the city of Helsinki and seminar dinner at the Bank of Finland's villa. For those interested, there will be an opportunity to get acquainted with the Finnish sauna at the villa. The buss will leave from Hotel KlausK at 18:31.

PRELIMINARY AGENDA / 3 August 2007

Day 2

- 09.00 – 09.40 Testing the Impact of Hybrid Functionality in CHAPS users
Speaker: John Jackson, Bank of England
Discussant: Kirsi Ripatti, Bank of Finland
- 09.40 – 10.20 Formal modeling of Clearing and Settlement
Speaker: Michael Alexander, Wirtschaftsuniversität Wien
Discussant: Douglas Conover, BIS
- 10.20 – 10.40 Refreshments
- 10.40 – 11.20 Modelling, simulation and optimization of interbank settlements
Speaker: Donatas Baksys, Kaunas university of Technology
Discussant: Matti Hellqvist
- 11:20 – 11.40 Demonstration of new BoF-PSS2 features e.g. network analysis and simulator extranet.
Speaker: Matti Hellqvist, Bank of Finland
- 11.40 – 12.00 Brainstorming on development of new features for the simulator
Harry Leinonen
- 12.00 – 12.10 Seminar closing discussion and remarks
- 12.10 – 13.30 Lunch
- 13:30 – 16.15 Parallel workshops
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| Session I:
(New users of BoF-PSS2) | Session II
(Users with BoF-PSS2 experience) |
| Basic use of BoF-PSS2:
- "Hands on" tutorial and demonstration
- Basic simulations, data handling and reports | Demonstration of advanced and new features of BoF-PSS2:
- Mgt of large simulations
- PSS Command interface
- Designing and creating of user modules
- Other topics |
- The arrangement and contents of parallel workshops will depend on the interest and wishes among participants, which are asked for in the registration form.
- 16.15 Farewell cocktail

Material

Material on the Bank of Finland payments and settlement system simulator can be found on the Bank of Finland's website, www.bof.fi/sc/bof-pss