



AGENDA / 12 August 2005

## PAYMENT AND SETTLEMENT SIMULATION SEMINAR AND WORKSHOP

24-25 August 2005, at Bank of Finland, Rauhankatu 19, Helsinki

### Day 1

- 09.15 – 09.30 Registration and coffee
- 09.30 – 09.35 Opening of the seminar  
*Deputy Governor Matti Louekoski*
- 09.35 – 10.00 BoF-PSS2 Simulator, Current situation and recent developments  
*Harry Leinonen*
- 10.00 – 10.40 Tour de Table- experience with BoF-PSS2  
*Participants*
- 10.40 – 11.00 Refreshments
- 11.00 – 11.40 The impacts of unanticipated failures in Canada's Large Value Transfer System  
Speaker: *Darcey McVanel, Bank of Canada*  
Discussant: *Kari Kemppainen, Bank of Finland*
- 11.40 – 12.20 Examining the Balance between Risk and Efficiency in Canada's LVTS: A Simulation Approach  
Speaker: *Neville Arjani, Bank of Canada*  
Discussant: *Frode Øverli, Norges Bank*
- 12.20 – 14.00 Lunch
- 14.00 – 14.40 Network relationships and network models in payment systems  
Speaker: *Kimmo Soramäki, European Central Bank*  
Discussant: *Kristiaan Roefs, National Bank of Belgium*
- 14.40 – 15.20 Simulation and Analysis of Cascading Failure in Critical Infrastructure  
Speaker: *Bob Glass, Sandia National Laboratories*  
Discussant: *Merxe Tudela, Bank of England*
- 15.20 – 16.00 Some techniques for modelling payment submittal behaviour  
Speaker: *Walter Beyeler, Sandia National Laboratories*  
Discussant: *Panagiotis Fotopoulos, Bank of Greece*
- 16:00 – 16.15 Refreshments
- 16.15 – 17.30 BOF-PSS2 overview, concept and demonstration  
*Harry Leinonen*

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 bus will leave from the hotel, Grand Marina, at 18.31 sharp. Back at the hotel about 23.30. Dress code: casual.



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Day 2

- 09.00 – 09.40 Liquidity Use in Fedwire: Simulated Scenarios  
Speaker: *Dibora Amanuel and Douglas Conover,  
Board of Governors of the Federal Reserve System*  
Discussant: *Kasper Sylvest Olsen, Danmarks Nationalbank*
- 09.40 – 10.20 Initial Funding Levels for the Special Accounts in New BOJ-NET  
Speaker: *Kei Imakubo, Bank of Japan*  
Discussant: *Johan Pettersson, Sveriges Riksbank*
- 10.20 – 10.40 Refreshments
- 10.40 – 11.20 Stress testing securities settlement systems using simulations  
Speaker: *Matti Hellqvist, Bank of Finland*  
Discussant: *Morten Bech, Federal Reserve Bank (NY)*
- 11:20 – 12.00 BoF-PSS2 A tool for policy analysis  
Speaker: *Morten Bech and Kurt Johnson  
Federal Reserve Bank of New York*  
Discussant: *Matti Hellqvist, Bank of Finland*
- 12.00 – 13.20 Lunch
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|---------------|---|--|
| 13:20 – 15.20 | Parallel Session I<br>(New Users)   | Parallel Session II<br>(Experienced users)   |
|               | User ‘hands on’<br>demonstrations<br>- input data<br>- simulations<br>- output data | Use of advance features<br>- MySQL tools<br>- advanced simulator features<br>- building own algorithms |
- 15.20 – 16.00 Brainstorming on development and new features for the simulator  
*Harry Leinonen*
- 16.00 – 16.15 Closing discussion and remarks
- 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](http://www.bof.fi/sc/bof-pss)