International Workshop on Quantitative Aspects in Security Assurance (QASA)

Friday, September 14, 2012 -- 09.15 – 10.45
Session 1: Quantitative information flow
- Invited Talk: Boris Koepf, Quantitative Information-Flow -- Fundamental Techniques and Applications to Side-Channel Analysis
- Vladimir Klebanov. Precise Quantitative Information Flow Analysis Using Symbolic Model Counting

Friday, September 14, 2012 -- 11.15 – 12.45
Session 2: Information flow, risk, cooperation and decision making.

- Adedayo Adetoye and Michael Goldsmith. From Qualitative to Quantitative Information Erasure
- Alessandro Aldini and Alessandro Bogliolo. Trading Performance and Cooperation Incentives in User-Centric Networks
- Gencer Erdogan, Fredrik Seehusen, Ketil Stølen and and Jan Aagedal. Assessing the Usefulness of Testing for Validating the Correctness of Security Risk Models Based on an Industrial Case Study
- Adam Beautement, Angela Sasse, David Pym, Simon Arnell, Philip Inglesant and Brian Monahan. Systematic decision making in security management:: Modelling password usage and support

Friday, September 14, 2012 -- 14.15 – 15.45
Session 3: Panel

- Panel on Quantitative Aspects of Security

Friday, September 14, 2012 -- 16.15 – 17.45
Session 4: Quantitative aspects in access and usage control

- Francisco Moyano, Carmen Fernández Gag and Javier Lopez. Implementing Trust and Reputation Systems: A Framework for Developers' Usage
- Leanid Krautsevich, Aliaksandr Lazouski, Paolo Mori and Artsiom Yautsiukhin. Quantitative Methods for Usage Control
- Charles Morisset. Implementing Access Control Markov Decision Processes with GLPK/GMPL