



## Workshop, April 28 - 29, 2011

### Centrum för Industriell Informationsteknologi

#### Thursday, April 28

- 13.15 - 13.20 Introduction
- 13.20 - 13.50 *Efficient storage and management of XML data*, Lena Strömbäck (06.05)
- 13.50 - 14.20 *Robust planning systems for aerospace applications*, Jonas Kvarnström (06.09)
- 14.20 - 14.50 *Modeling and control of turbocharged combustion engines*, Lars Eriksson (06.13)
- 14.50 - 15.10 Coffee break
- 15.10 - 15.30 *Algorithm-hardware co-design for FPGAs*, Oscar Gustafsson (07.05)
- 15.30 - 15.50 *Automated planning and optimization of broadband radio access networks*, Di Yuan (08.01)
- 15.50 - 16.10 *Gene symbol disambiguation for drug discovery*, He Tan (08.08)
- 16.10 - 16.30 *Learning Probabilistic Graphical Models of Gene Networks and Fault Networks*, Jose M. Peña (09.01)
- 16.30 - 16.50 *Virtual Global Shutters for CMOS Cameras*, Per-Erik Forssén (09.05)
- 16.50 - 17.10 *Cryptography for Communication Security*, Jan-Åke Larsson (09.07)
- 17.10 - 18.00 Invited speaker: *Academic and industrial research - a view from both sides of the gap*, Alf Isaksson
- 18.00 - Dinner

#### Friday, April 29

- 09.00 - 09.20 *Experimental Mechanics of Fluids and Materials*, Tino Ebberts (09.03)
- 09.20 - 09.40 *A novel approach in multilinear least-squares with application to design of filter networks*, Oleg Burdakov (09.12)
- 09.40 - 10.00 *EMI Reduction by Resonant Clock Distribution for Automotive Applications*, Behzad Mesgarzadeh (10.01)
- 10.00 - 10.20 Coffee break
- 10.20 - 10.40 *Stream-Based Reasoning Grounded Through Sensing*, Fredrik Heintz (10.04)
- 10.40 - 10.55 *High dynamic range video with applications*, Jonas Unger (11.01)
- 10.55 - 11.10 *Model based analysis of multimodal data sets for quantitative molecular and microcirculatory imaging*, Marcus Larsson (11.02)
- 11.10 - 11.25 *A Cross-layer Approach to Reliability Optimization for Automotive Electronic Systems*, Unmesh Bordoloi (11.04)
- 11.25 - 11.40 *Avancerade optimeringsansatser i MPC*, Johan Löfberg (11.05)
- 11.40 - 11.55 *Scalable and Efficient Content Distribution*, Niklas Carlsson (11.07)