



Centrum för Industriell
Informationsteknologi

Workshop, May 9, 2019
Universitetsklubben
Vallfarten

Thursday, May 9

- 09:30 - 09:40 Introduction and coffee
- 09:40 - 10:10 *Multi-level modelling of diabetes for improved drug development* Gunnar Cedersund
- 10:10 - 10:30 *A genome-wide, multi-layered, network-based approach for personalised medicine* Mika Gustafsson
- 10:30 - 10:50 *Optimeringsmetodik för storskaliga schemalägnings- och resursallokeringsproblem: tillämpningar inom utveckling av avioniksystem* Elina Rönnerberg
- 10:50 - 11:20 *Semantic Parsing for Text Analytics* Marco Kuhlmann
- 11:20 - 11:40 *Data and Networks in the Industrial Internet* Andrei Gurtov
- 11:40 - 12:40 Lunch
- 12:40 - 13:00 *Energy management for heavy vehicles* Jan Åslund
- 13:00 - 13:30 *Verifiable real-time coordination for safe cooperative driving* Mikael Asplund
- 13:30 - 13:50 *Integration and Interoperability of Graph-Data Systems* Olaf Hartig
- 13:50 - 14:20 *Adaptive linearization of electronic devices* Martin Enqvist
- 14:20 - 14:40 *Unraveling intravoxel tissue composition via diffusion MRI* Evren Özarslan
- 14:40 - 15:00 Coffee break + poster setup
- 15:00 - 16:30 Poster session
- Applied Research Platform for Sensor Fusion* Gustaf Hendeby
- Bayesian methods for fMRI informed brain tumour treatment planning* Anders Eklund
- Quantum communication based on next-generation telecommunication optical fibers* Guilherme B. Xavier
- Low Latency Communications for Wireless Networks: Exploiting Traffic Characteristics* Nikolaos Pappas
- Hybrid Methods for Fault Diagnosis and Prognostics* Daniel Jung
- 16:30 - 16:40 Summary