

CENIIT, Workshop 2021, May 12

Time				
08:30 - 08:35	Welcome and introduction			
08:35 - 09:00	A genome-wide, multi-layered, network-based approach for personalised medicine		Mika Gustafsson	
09:00 - 09:25	Optimeringsmetodik för storskaliga schemalägnings- och resursallokeringsproblem: tillämpningar inom utveckling av avioniksystem		Elina Rönnberg	
09:25 - 09:50	Data and Networks in the Industrial Internet		Andrei Gurtov	
09:50 - 10:00	Break			
Parallell sessions				
10:00 - 10:20	Reinforcement Learning for partially observable dynamical systems with continuous state and action spaces	Farnaz Adib Yaghmaie	Bayesian methods for fMRI informed brain tumour treatment planning	Anders Eklund
10:20 - 10:40	Hybrid Methods for Fault Diagnosis and Prognostics	Daniel Jung	Quantum communication based on next-generation telecommunication optical fibers	Guilherme B. Xavier
10:40 - 11:00	Computational design for optimality and robustness in multi-physics and multi-criteria problems	Carl-Johan Thore	Executable models for drug development	Elin Nyman
11:05 - 11:30	Energy management for heavy vehicles		Jan Åslund	
11:30 - 11:55	Integration and Interoperability of Graph-Data Systems		Olaf Hartig	
11:55 - 13:00	Lunch			
Parallell sessions				
13:00 - 13:20	The Complex Acoustic Surveillance and Tracking (COAST) project	Isaac Skog		
13:20 - 13:40	Applied Research Platform for Sensor Fusion	Gustaf Hendeby		
13:45 - 14:10	Unraveling intravoxel tissue composition via diffusion MRI		Evren Özarlan	
14:10 - 14:35	Interactive visual event-sequence mining		Katerina Vrotsou	
14:35 - 14:45	Conclusion and summary			