

Agenda

09:00 - 09:30	Coffee/tea and mingle	
09:30 - 09:35	Introduction and Welcome	
09:35 - 11:45	Oral session	
09:35 - 10:05	Executable models for drug development	Elin Nyman
10:05 - 10:25	Quality of Security Service (QoS) Guarantees for Intelligent Internet-of-Things (IoT) Devices	Onur Günlü
10:25 - 10:55	The Complex Acoustic Surveillance and Tracking (COAST) project	Isaac Skog
10:55 - 11:15	Microvascular dysfunction and cardiovascular disease	Hanna Jonasson
11:15 - 11:45	Computational design for optimality and robustness in multi-physics and multi-criteria problems	Carl-Johan Thore
12:00 - 12:50	Lunch at Universitetsklubben	
13:00 - 14:30	Poster session	
	Multimodal remote sensing for climate monitoring	Yonghao Xu
	Inverse Treatment Planning for Radiotherapy - from Multi-Criteria Optimization and Automation to Clinical Practice	Björn Morén
	Connecting device physics with biophysics for precision medicine	Theresia Arbring Sjöström
	Model-Based Attention for Scalable AI Planning	Daniel Gnad
	Broadening the functionality of metallic nanowires from electronics to energy and beyond!	Aiman Rahmanudin
	ACCORD: AdvanCing CORE Diagnosis in remanufacturing	Jelena Kurilova-Palisaitiene
	Healing prediction of diabetic foot ulcers using deep learning and multimodal microcirculation imaging	Martin Hultman
14:30 - 16:30	Oral session	
14:30 - 14:50	Reinforcement Learning for partially observable dynamical systems with continuous state and action spaces	Farnaz Adib Yaghmaie
14:50 - 15:20	Hybrid Methods for Fault Diagnosis and Prognostics	Daniel Jung
15:20 - 15:40	Generative deep learning for data-centric medical imaging	Gabriel Eilertsen
15:40 - 16:10	Wireless Network Design for Decentralized Machine Learning	Zheng Chen
16:10 - 16:30	Learning Trustworthy Planning Algorithms	Jendrik Seipp