

DAT147 Presentations

November 20, room EB	
Time	Topic
15:15 - 15:35	Social Sensing and Crowdsourcing (Olaf Landsiedel)
15:40 - 16:00	Wireless Sensor Networks: Applications, Use Cases and Vision (Olaf Landsiedel)
16:15 - 16:35	Transactional Memory (Per Stenström)
16:40 - 17:00	Task-based programming techniques for multicore systems (Per Stenström)

November 26, room EA	
Time	Topic
Part A	
13:15 - 13:35	Green Computing: Are there good and bad algorithmic designs when it comes to energy efficient Programming? (Philippas Tsigas)
13:40 - 14:00	Multicore Programming (Philippas Tsigas)
14:15 - 14:35	Distributed cyberphysical systems: generalized matchings with preferences for overlays. (Marina Papatriantafilou)
14:40 - 15:00	Protection mechanisms for Internet-connected vehicles (Tomas Olovsson)
Part B	
15:15 - 15:35	Scheduling of time-critical tasks on multiprocessors (Jan Jonsson)
15:40 - 16:00	Power-Aware Scheduling of Time-Critical Tasks (Jan Jonsson)
16:15 - 16:35	Privacy Implications for Cyber-Physical Systems (Magnus Almgren)
16:40 - 17:00	Language-Based, Static Information Flow (Niklas Broberg)

November 27, room ED	
Time	Topic
15:15 - 15:35	Information authentication for linear-coding-based communication networks. (Katerina Mitrokotsa)
15:40 - 16:00	Efficient and secure device pairing methods for wireless communication (Katerina Mitrokotsa)
16:15 - 16:35	Approaches to creating more energy-efficient caches without sacrificing performance (Sally McKee)
16:40 - 17:00	Feasibility survey of a graphene-based processor with 3D on die memory (Sally McKee)