**DAT 147 – List of topics**

1. **Magnus Almgren**
	1. Privacy Implications for Cyber-Physical Systems
2. **Niklas Broberg**
	1. Language-based Static Information Flow Control
3. **Jan Jonsson**
	1. Power-Aware Scheduling of Time-Critical Tasks
	2. Scheduling of Time-Critical Tasks on Multiprocessors
4. **Olaf Landsiedel**
	1. Wireless Sensor Networks: Applications, Use Cases and Vision
	2. Social Sensing and Crowdsourcing
5. **Katerina Mitrokotsa**
	1. Efficient and secure device pairing methods for wireless
	 communications
	2. Information authentication for linear-coding-based commun-
	 ication networks. (An example: Message Authentication Codes)
6. **Sally McKee**
	1. Approaches to creating more energy-efficient caches without
	 sacrificing performance
	2. Lowering DRAM power consumption
7. **Tomas Olovsson**
	1. Protection mechanisms for Internet-connected vehicles
8. **Marina Papatriantafilou**
	1. Distributed cyberphysical systems: generalized matchings with
	 preferences for overlays
	2. Snapshots/overview of distributed and shared state
9. **Per Stenström**
	1. Task-based programming techniques for multicore systems
	2. Transactional memory
10. **Philippas Tsigas**
	1. Multicore programming
	2. Green Computing: Are there good and bad algorithmic designs
	 when it comes to energy efficient Programming?