



















































































		Technical Depth	and Detail		
	Monday	Tuesday	Wednesday	Thursday	Friday
Topic 1	Next-Tier of the Internet - IP-based Wireless Sensor Networks (WSN)	TinyOS 2.0 and Application Services	Self-Organized Multi-hop Routing	Timers and System Resources	Micro-Power Systems
Topic 2	WSN Technology and Hardware Architectures	Robust Embedded Networking	Low-Power Wireless Communication	Time-Synch & Embedded Distributed Systems	Security and Reliability
Topic 3	Operating Systems for Communication- centric Devices	Embedded Web Services and Industrial Standards_	6LoWPAN and IP Concepts	In-networking Processing and Sensor Data Analysis	Future Developments
Lab	Experience with IP- based Wireless Sensor Networks	Making USNs ubiquitous - build WSN applications as Web Services	Using IP and 6LoWPAN Networking	TinyOS 2.0 based embedded Applications	Deep Embeddeo Systems Development or Self-Directed





