

Interconnecting Smart Objects with the Internet Workshop

Agenda and Materials

Time	Session Description
08:30 – 09:00	Last minute check (audio/beamer). Arrival of Participants
09:00 – 09:15	Opening Remarks and Logistics (slides)
09:15 – 12:00	Architectural Issues <ul style="list-style-type: none"> • Application Requirements: <ul style="list-style-type: none"> ○ Interoperability Challenges – Arkko (slides) ○ Application Communications Requirements for ‘The Internet of Things’ – Baker (slides) ○ Requirements for Building Networks – Nordman (slides) ○ Discussion • Data Driven Architectures: <ul style="list-style-type: none"> ○ Pub Sub based Naming – Burke (slides) ○ Information Centric Networking – Kutscher (slides) ○ Discussion
12:00 – 13:00	Lunch Break
13:00 – 14:00	Lightweight Implementations, Sleep Modes, Data Formats <ul style="list-style-type: none"> • Sleep Compatible Protocols – Wasserman (slides) • Caching for Sleeping Nodes – Brandt (slides) • Discussion
14:00 – 15:00	Security <ul style="list-style-type: none"> • Security Challenges For the Internet Of Things – Polk (slides) • IKEv2 and Smart Objects – Kivinen (slides) • Discussion
15:00 – 15:30	Coffee Break
15:30 – 16:30	Routing <ul style="list-style-type: none"> • IP (RPL) vs. Link Layer Routing – Vasseur (slides) • RPL Changes – Clausen (slides) • Discussion
16:30 – 17:30	Take-away, Conclusions (slides) <ul style="list-style-type: none"> • Discussion
20:00 – 23:00	Social Event: Boat Trip