

Shonan meeting 114: Resilient Machine-to-Machine communication

	25.03.2018	26.3.2018	27.3.2018	28.3.2018	29.3.2018
7:00					
7:30					
8:00		Breakfast	Breakfast	Breakfast	Breakfast
8:30				Challenges	
9:00		Introduction, 2min intro pitches	Breakout Discussions (1st day topics and along 3-4 verticals)	Talks (20-30min) Networking, wireless, security and data support for M2M	Summary of the Seminar, collaboration and continuation
9:30					
10:00		Break	Break	Break	Break
10:30		Seminar theme, identifying challenges	Future Opportunities Talks (20-30min)	Breakout Discussions (3rd day topics)	Closing Wrap-up and outlook
11:00					
11:30					
12:00		Lunch	Lunch	Lunch	Lunch
12:30					
13:00		Group Photo	Future Opportunities Talks (20-30min)	Excursion to Kamakura Great Buddah and Hase temple, Hachimangu shrine, sakura path, shopping/souvenir street	
13:30		Applications Talks (20-30min) Networking, wireless, security and data support for M2M	Breakout Discussions (2nd day topics and along 3-4 verticals)		
14:00		Break	Break		
14:30		Xiaoming Fu	Tutorials and working groups		
15:00	Check-in	Tutorials and working groups	Dirk Kutscher		
15:30					
16:00					
16:30					
17:00					
17:30					
18:00		Dinner	Dinner		
18:30					
19:00	Welcome			Banquet	
19:30	Banquet				
20:00					
20:30					

Talks		
26.03. 13:30	Speaker	Topic
Networking support	Matthias Waehlich	Name to MAC address mapping in NDN
Wireless support	Yu Xiao	Mobile Augmented Reality
Security and Privacy	Asokan	Privacy preserving oblivious neural network and adversarial Machine Learning
Data support	Keijo Heljanko	Latency-Consistency trade-offs in Distributed Databases
27.03. 11:00		
Networking support	Ferdinand Peper	Communication protocols for highly restricted nodes
Wireless support	Riku Jantti	Ambient and Quantum backscatter
Security and Privacy	Lars Wolf	PotatoNet - Real-world condition WSN (Challenges and lessons learned)
Data support	Paul Lukowicz	Cyber-Groups - Activity Recognition in Groups
28.03. 9:00		
Networking support	Jiannong Cao	Edge Mesh: enabling scalable connectivity and distributed intelligence for IoT
Wireless support	Yusheng Ji	Vehicular edge/cloud
Security and Privacy	Yuki Koizumi	Privacy issues about ICN and IoT
Data support	Takuya Maekawa	Recent studies with relatively new sensing modalities (CSI, IR camera, Sound probing)

Tutorials, working groups and Talks

Tutorial	Carsten Bormann	Constrained application protocol
Interest group	Mayutan Arumathurai	Blockchain for M2M applications
Tutorial	Christian Becker, Wolfgang Schroeder	Adaption and Self-Awareness in M2M for Predictability
Tutorial	Preikschat	
Tutorial	Riku Jantti	Narrowband IoT
Talk	Thomas Schmidt	IoT Networking in RIOT
Talk	Xiaoming Fu	Geosocial Networks
Talk	Dirk Kutscher	Research Directions for Industrial IoT and Edge Computing
Interactive	Olga Streibel	M2M at Bayer