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Workshop on New Frontiers in Internet of Things | (smr 2819)

Monday 07 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (08:15-18:30)

time	title	presenter
08:15	Registration and administrative formalities	
09:00	Opening	MARCO ZENNARO
09:30	Intro to IoT	MARCO ZENNARO
10:00	Coffee break	
10:30	Intro to IPv6	ALVARO J. VIVES MARTINEZ
12:30	Lunch	
14:00	Introduction to the workshop (material and project)	ANTONIO J. LINAN COLINA & ALVARO J. VIVES MARTINEZ
16:00	Coffee break	
16:30	IPv6 Lab	ALVARO J. VIVES MARTINEZ

Tuesday 08 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:30)

time	title	presenter
09:00	Intro to 6LoWPAN	ALVARO J. VIVES MARTINEZ
10:00	Coffee break	
10:30	IPv6/6LoWPAN with wireshark	ANTONIO J. LINAN COLINA & ALVARO J. VIVES MARTINEZ
12:30	Lunch	
14:00	Intro to Contiki libraries and applications	ANTONIO J. LINAN COLINA
16:00	Coffee break	
16:30	Hands on: Contiki and sensors	ANTONIO J. LINAN COLINA

Wednesday 09 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:00)

time	title	presenter
09:00	Intro to ROLL	ALVARO J. VIVES MARTINEZ
10:00	Coffee break	
10:30	Introduction to IPv6/6LoWPAN wireless communications in Contiki	ANTONIO J. LINAN COLINA
12:30	Lunch	
14:00	Hands on: UDP client and Server on IPv6 forwarding data to a MQTT broker	ANTONIO J. LINAN COLINA
16:00	Coffee break	
16:30	Hands on: UDP client and Server on IPv6 forwarding data to a MQTT broker	ANTONIO J. LINAN COLINA

Thursday 10 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:00)

time	title	presenter
09:00	Introduction to Cooja	ANTONIO J. LINAN COLINA
10:00	Coffee break	
10:30	Introduction to MQTT and CoAP in Contiki	ANTONIO J. LINAN COLINA
12:30	Lunch	
14:00	Hands on with MQTT and CoAP in Contiki	ANTONIO J. LINAN COLINA
16:00	Coffee break	
16:30	Hands on with MQTT and CoAP in Contiki	ANTONIO J. LINAN COLINA

Friday 11 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:00)

time	title	presenter
09:00	Time to work in workshop projects	
10:00	Coffee break	
10:30	Demo preparation (slides + demo)	
12:30	Lunch	
14:00	Demo presentation	
16:00	Coffee break	
16:30	Demo presentation	

Monday 14 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:00)

time	title	presenter
09:00	Intro to ICN	ANDRES ARCIA
10:00	Coffee break	
10:30	ICN and IoT applications	ANDRES ARCIA
11:30	Privacy and IoT	STEPHEN HAILES
12:30	Lunch	
14:00	ICN Lab (Blackadder)	ANDRES ARCIA
16:00	Coffee break	
16:30	ICN Lab (Blackadder)	ANDRES ARCIA

Tuesday 15 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:00)

time	title	presenter
09:00	Intro to DTN	IOANNIS KOMNIOS
10:00	Coffee break	
10:30	Intro to DTN	IOANNIS KOMNIOS
11:30	Ethics of IoT	STEPHEN HAILES
12:30	Lunch	
14:00	Internet of Animals	STEPHEN HAILES
15:00	DTN Lab	IOANNIS KOMNIOS
16:00	Coffee break	
16:30	DTN Lab	IOANNIS KOMNIOS

Wednesday 16 March 2016

- Galileo Guest House - Marconi Lab (floor -1) (09:00-18:00)

time	title	presenter
09:00	Named Data Networking and Service Migration in the IoT	ADISORN LERTSINSRUBTAVEE
10:00	Coffee break	
10:30	Named Data Networking and Service Migration in the IoT	ADISORN LERTSINSRUBTAVEE
11:30	The Wireless Channel	ERMANNO PIETROSEMOLI
12:30	Lunch	
14:00	IoT Economics	GIOVANNI REPICI
15:00	Introduction to TV White Spaces	PIETROSEMOLI, Ermanno
16:00	Coffee break	
16:30	Visit to the SciFabLab of ICTP	

Thursday 17 March 2016

- Adriatico Guest House - Kastler Lecture Hall (09:00-21:00)

time	title	presenter
09:00	Intro to the IoT4D Session	SANDRO RADICELLA
09:15	ITU-D Activities in IoT	HALIMA LETAMO
10:00	ITU-R Activities in IoT	SERGIO BUONOMO
10:45	Coffee break	
11:15	ISOC's activities in IoT	CHRISTINE RUNNEGAR
12:00	The GAIA initiative	ARJUNA SATHIASEELAN
13:00	Lunch	
14:00	IoT4D report (via Skype)	JOHN GARRITY
14:30	IGF Dynamic Coalition on the Internet of Things	MAARTEN BOTTERMAN
15:30	Coffee break	
16:00	DTN, Emergency Networks and IoT	KANCHANASUT, Kanchana
19:00	Reception	

Friday 18 March 2016

- (09:00-13:00)

time	title	presenter
09:00	Case Studies by participants	
10:00	Coffee break	
10:30	Case Studies by participants	
12:30	Closing Ceremony and Diplomas	