

InterOSS-IoT Workshop – Agenda
Monday, 07 Nov 2016

Time	Paper authors / presenters	Title	Chair	
09:00 – 09:15		<i>Arrivals and presentation arrangements</i>		
09:15 – 09:30	Ivana Podnar Zarko	Opening and Logistics		
09:30 – 10:30	Session 1: Semantic interoperability			
09:30 – 09:50	Michael Jacoby , Aleksandar Antonic, Karl Kreiner, Roman Lapacz and Jasmin Pielorz	Semantic Interoperability as Key to IoT Platform Federation	Arne	
09:50 – 10:10	Aqeel Kazmi, Zeeshan Jan and Martin Serrano (Achille Zappa)	Overcoming the heterogeneity in the Internet of Things for Smart Cities		
10:10 – 10:30	Tobias Käfer , Sebastian Bader, Lars Helling, Raphael Manke and Andreas Harth	Exposing Internet of Things Devices on REST and Linked Data Interfaces		
10:30 – 11:00	<i>Coffee Break</i>			
11:00 – 12:30	Session 2: Interoperable architectures and platforms			
11:00 – 11:20	Arne Bröring and Sergios Soursos	IoT-EPI (BIG-IoT & symbIoTe)	Achille	
11:20 – 11:40	Stefan Schmid , Arne Bröring, Denis Kramer, Sebastian Kabisch, Achille Zappa, Martin Lorenz, Yong Wang, Andreas Rausch and Luca Gioppo	An Architecture for Interoperable IoT Ecosystems		
11:40 – 12:00	Argyris Samourkasidis and Ioannis N. Athanasiadis	A Sensor Observation Service extension for Internet of Things		
12:00 – 12:20	Ola Angelsmark and Per Persson	Requirement-based Deployment of Applications in Calvin		
12:20 – 12:30	Backup time			
12:30 – 14:00	<i>Lunch Break</i>			
14:00 – 14:30	Ralph Mueller	Invited Talk – Eclipse Foundation Europe GmbH	Ivana	
14:30 – 15:30	Session 3: Business models and security			
14:30 – 14:50	Werner Schladofsky , Jelena Mitic, Alfred Paul Megner, Claudia Simonato, Luca Gioppo, Dimitris Leonardos and Arne Bröring	Business Models for Interoperable IoT Ecosystems		
14:50 – 15:10	Juan Hernández-Serrano, Jose L. Muñoz, Arne Bröring, Oscar Esparza, Lars Mikkelsen, Wolfgang Schwarzott, Olga León and Jan Zibuschka	On the Road to Secure and Privacy-preserving IoT Ecosystems		
15:10 – 15:30	Savio Sciancalepore , Michal Pilc, Svenja Schröder, Giuseppe Bianchi, Gennaro Boggia, Marek Pawlowski, Giuseppe Piro, Marcin Plociennik and Hannes Weisgrab	Attribute-Based Access Control scheme in federated IoT platforms		
15:30 – 16:00	<i>Coffee Break</i>			
16:00 – 17:30	Session 4: Platform performance and applications			
16:00 – 16:20	Alexey Medvedev, Alireza Hassani, Arkady Zaslavsky, Prem Prakash Jayaraman, Maria Indrawan-Santiago, Pari Delir Haghighi and Sea Ling (Petr Fedchenkov)	Ingestion and Storage Performance of IoT Platforms: Study of OpenIoT Apps for Environments: Running Interoperable Apps in Smart Environments with the meSchup IoT Platform	Sergios	
16:20 – 16:40	Thomas Kubitzka	Using semantics and open standards for personal real-time big data processing: Experience from a case study in Remote Patient Monitoring		
16:40 – 17:00	Nenad Stojanovic and Aleksandar Stojadinovic	Semantic Interoperability at Big-Data Scale for the Industrial Internet of Things with the open62541 OPC UA Implementation		
17:00 – 17:20	Julius Pfrommer			
17:20 – 17:30	<i>Workshop Closing</i>			
17:30	<i>End of Workshop</i>			