

ICGREEN 2015 program

9.00 – 10.00 Key note Michela Meo “Towards Sustainable Mobile Access Networks”

10:00-11.30 Smart Grid

An energy management framework for optimal demand response in a smart campus" by Cristina Rottondi, Antimo Barbato, Giacomo Verticale, Valeria Olivieri, Maurizio Delfanti, Giovanni Accetta, Massimo Trioni, Cristiana Bolchini, Elisa Quintarelli, Angela Geronazzo, Alessio Dedè and Giovanni Massa

"GRID-LITE: A network integrated semi-autonomous local area electricity system" - Mark Apperley

"Energy management using optimized storage usage in smart grid nodes" written by Pragya Kirti Gupta, Markus Duchon, Dagmar Koss, Cheng Zhang and Bernhard Schaetz

11.30-11.50 Coffee break

11.50 -12.40 Green data centers

"The implementation of green routing in software-defined data center networks" by Hao Zhu, Jose Baranda, Cees De Laat and Paola Grosso.

"A class-based virtual machine placement technique for a greener cloud" written by Claudia Canali and Riccardo Lancellotti

12.40-13.00 Green Buildings

"A comprehensive framework for the co-simulation of energy efficiency in public buildings" by Luciano Baresi. Adnan Shahzada

13.00-14.00 Lunch

14.00-15.30 Research trends and challenges

“Privacy preservation in Energy Management Systems” by Giacomo Verticale.

“Green Distributed Cloud Systems: a networking perspective” by Francesco Musumeci, Massimo Tornatore.

“Reducing CO2 footprint of cloud-based applications: strategies and lessons learnt” by Pierluigi Plebani.

“Data centres as flexible energy prosumers integrated with the Smart grid and the Smart City: the GEYSER Project” by Diego Arnone

“Mitigation of energy consumption in optical networks using a T-SDN control plane” by Rodolfo Alvizu, Guido Maier.

15.30-16.00 Final discussion and concluding remarks