

Sixth International Workshop on
**Cloud Technologies and Energy Efficiency
in Mobile Communication Networks**
(CLEEN 2018)

In conjunction with VTC2018-spring, 3 June 2018, Porto, Portugal

Workshop programme

The workshop will be a *full-day* event and has the following programme agenda:

8:30	Welcome and presentation by the workshop chair, Dario Sabella (Intel)
9:00	Keynote , <i>Merging new cloud and air-interface capabilities to meet requirements of emerging use cases from verticals in 5G</i> (prof. Thomas Haustein, Head of Wireless Communications and Networks Department, Fraunhofer Institute for Telecommunications, HHI)
9:30	Paper #1 : "Operating Systems for 5G services infrastructures"; A. Manzalini, TIM; F. Marino, Scuola Superiore Sant'Anna
10:00	Coffee Break
10:30	Paper #2 : "Energy-Efficient Beamforming and Time Allocation in Wireless Powered Communication Networks"; M. Fu, Shenzhen University; C. Guo, Shenzhen University; S. Zhang, Shenzhen University; D. Feng, Shenzhen University; G. Qian, Shenzhen University
11:00	Paper #3 : "FFR Based Interference Coordination Scheme in the Next Generation WLAN"; P. Sun, Xidian University; R. Hou, Xidian University; X. Ma, Xidian University; H. Li, Xidian University
11:30	Paper #4 : "Joint Transceiver Design in Full-Duplex MISO Wireless Powered Communication Networks with User Cooperation"; R. Cai, Beijing University of Posts and Telecommunications (BUPT); L. Li, BUPT; Z. Wang, BUPT
12:00	Lunch Break
13:00	Keynote , <i>MEC: Building a Bridge to 5G</i> (Rui Frazao, CTO, Vasona Networks)
13:30	Paper #5 : "Minimizing power consumption in virtualized cellular networks"; G. Nardini, University of Pisa; A. Virdis, University of Pisa; N. Iardella, University of Florence; A. Frangioni, University of Pisa; L. Galli, University of Pisa; G. Stea, University of Pisa
14:00	Paper #6 : "A hierarchical MEC architecture: experimenting the RAVEN use case"; D. Sabella, Intel Deutschland GmbH; N. Nikaein, Eurecom; A. Huang, Eurecom; J. Xhembulla, Politecnico di Torino; G. Malnati, Politecnico di Torino; S. Scarpina, TIM.
14:30	Paper #7 : "The ONE5G approach towards the challenges of multi-service operation in 5G systems"; F. Schaich, Nokia; M.-H. Hamon, Orange; M. Hunukumbure, Samsung Electronics UK; J. Lorca, Telefónica I+D; K. Pedersen, Nokia; M. Schubert, Huawei; E. Kosmatos, WINGS ICT solutions; G. Wunder, Freie Universitaet Berlin; K. Reaz, Freie Universitaet Berlin;
15:00	Coffee Break
15:30	Panel Discussion , <i>MEC and V2X: the role of edge computing in Automotive use cases</i> Panelists: <ul style="list-style-type: none"> • prof. Thomas Haustein, Fraunhofer Institute for Telecommunications, HHI • Rui Frazao, CTO, Vasona Networks • Leonardo Gomes Baltar, WG1 vice-chair in 5G Automotive Association (5GAA), Intel • Frank Schaich, One5G project coordinator, Nokia Bell Labs Moderator: Dario Sabella (Intel)
16:30	Wrap-Up & Closing by the Workshop Chair
17:00	end of the workshop