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Flex5Gware final event
CLEEN2017
workshop

Dario Sabella (INTEL, Flex5Gware)

Turin, June 21st 2017

<http://www.flex5gware.eu/finalevent>

Hosted by



Flex5Gware final event



- Day 1 (21 June): **5G focus day**
 - Full day event, with FREE registration, with key note speeches, few presentations from all organizing projects and EU representatives, and final panel discussion
- Day 2 (22 June): **CLEEN2017 workshop**
 - Full-day workshop, with research papers, key note presentations and final panel discussion. Presented papers will be published in IEEExplore thanks to technical co-sponsorship of IEEE ComSoc and collaboration with AEIT.

During all the 2-days, TIM is hosting also a **5G POC ZONE**, with 16 demonstrations and 4 posters presentations from CLEEN2017 workshop.

CLEEN2017 workshop



Event technically sponsored by



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in collaboration with:
5G-Crosshaul, 5G-Ex, Fantastic5G,
Speed-5G, COHERENT

Fifth International Workshop on
**Cloud Technologies and Energy Efficiency
in Mobile Communication Networks**
CLEEN 2017

www.flex5gware.eu/cleen2017

How cloudy and green will mobile network and services be?

22 June 2017, Turin, Italy

CLEEN2017 - Agenda

09:00	Registration
09:15	Welcome and presentation by the workshop chair (Dario Sabella, Intel)
09:20	Key Note #1: AEIT activities on innovative systems (Maurizio Mayer)
09:30	Keynote #2: Enabling Communication Services for Vertical Industries through Network Slicing and Mobile Edge Cloud (Peter Rost, Nokia Bell Labs)
10:00	Technical session #1 - Advanced Network Technologies <ul style="list-style-type: none">N. Molner et al., "The 5G-Crosshaul Packet Forwarding Element pipeline: measurements and analysis"G. Nardini et al., "Scalability and energy efficiency of Coordinated Scheduling in cellular networks towards 5G"N. Iardella et al., "A testbed for flexible and energy-efficient resource management with virtualized LTE-A nodes"
11:00	Networking coffee break @ 5G PoC Zone + Posters (*)
11:20	Technical session #2 - Advanced Radio Technologies <ul style="list-style-type: none">P. Rosson et al., "SDR based test bench to evaluate analog cancellation techniques for In-Band Full-Duplex Transceiver"S. Andersson et al., "Design Considerations for 5G mm-Wave Receivers"
12:00	Keynote #3: Merging millimeter-wave and mobile edge computing technologies in 5G networks: Opportunities and challenges (Sergio Barbarossa, Univ. La Sapienza, Rome)
12:30	Networking lunch break @ 5G PoC Zone + Posters (*)
14:00	Technical session #3 - Advanced Networks Energy Efficiency <ul style="list-style-type: none">Y. Yang, D. Sabella, "Mobile Network Energy Efficiency Optimization in MIMO Multi-Cell Systems"N. Bartzoudis et al., "Energy footprint reduction in 5G reconfigurable hotspots via function partitioning and bandwidth adaptation"
14:40	Panel discussion (moderator: Emilio Calvanese-Strinati, CEA)
15:40	Wrap-up & closing by the Workshop Chair
16:00	End of workshop



Let's start this

CLEEN2017

workshop