

2nd WGF – 2018 edition

What grid for the future, what future for the grid.

7th of December 2018

Distretto Domus – Residence Chiodo 2 – Università della Calabria

From Consumers to Nonusers: IoT-enabled models and technologies for energy communities



Dipartimento di Ingegneria Meccanica,
Energética e Gestionale

Dipartimento di Ingegneria Informatica,
Modellistica, Elettronica e Sistemistica



08.30

Opening session

Giancarlo Fortino e Nicola Sorrentino, chairmen.

Leonardo Pagnotta, Head of the Department of Mechanical, Energy and Management Engineering of the University of Calabria

Luigi Palopoli, Head of the Department of Informatics, Modelling, Electronics and Systems of the University of Calabria

Daniele Menniti, University of Calabria

09.30

Electricity Sector in Transition: Integration, Service Innovation & Business Disruption (**Fereidoon Sioshansi** - Menlo Energy Economics)

10.00

Control Strategies for District Energy Management (**Maria Pia Fanti**, Polytechnic University of Bari)

10.30

An IoT platform for Cognitive Building, PON COGITO Project (**Giandomenico Spezzano**, ICAR-CNR)

11.00

Coffee break

During the coffee break, some prototype devices that implement technologies enabling the energy communities will be shown. Furthermore, it will be possible to visit a demonstrator of a microgrid, which incorporates several interconnected nanogrids.

12.00

Nanogrid for Home applications (**Alessandro Burgio**, CretaEnergieSpeciali)

Interoperability Issues in the IoT World: The H2020 INTER-IoT Project Approach (**Giancarlo Fortino**, University of Calabria)

13.00

Community Energy Storage, PON COMESTO Project (**Anna Pinnarelli**, University of Calabria)

13.30

Round table

14.00

Closing session

Local Committee

Giancarlo Fortino, Nicola Sorrentino,
Alessandro Burgio e Raffaele Gravina

With the participation of

the Alumni Association of all UNICAL Engineering students
and

the IEEE student branch of the University of Calabria