AEIT 2017 INTERNATIONAL Annual Conference



Cagliari, Italy
20/22 September 2017

Infrastructures for Energy and ICT: Opportunities for Fostering Innovation

Technical sponsorship of

IEEE ICC

In collaboration with

AEIT ASSOCIAZIONE ITALIANA di Elettrotecnica, Elettronica, Automazione, Informatica e Telecomunicazioni SEZIONE SARDA

IET Publishing
The Institution of Engineering and Technology

In recent years, we are seeing a growing synergy between the infrastructures for the production, transmission and distribution of electricity, telecommunications networks, and computing technologies that provide for the intelligence of the whole system. The ever-increasing dependence on electricity for carrying out daily activities, increasingly run by smart devices, and the need for an intelligent management of the power grid in the presence of a distributed generation from renewable sources, both are creating a tight interdependent system. Cloud computing, big data, large bandwidth interconnections support modern knowledge-based society paradigms.

The AEIT 2017 conference will be an important opportunity to point out the challenges that our country needs to face in order to stimulate innovative entrepreneurial initiatives, and increase the country's competitiveness.

The conference will host both technical and scientific contributions. It will showcase Italian and international research activities in the fields of electricity, automation, telecommunications and information technology, that form the solid foundation on which to build innovative actions. It will also be the venue for hosting panels and speeches from national and international stakeholders for discussing the strategies to increase the competi- tiveness of Italian companies, and lay the foundations for the creation of new initiatives. Cagliari will be the ideal setting for this debate, thanks to the presence of innovative companies, and one of the pilot cities for the laying of optical fiber as an enabling infrastructure.

Preliminary Programme









Wednesday, September 20th, 2017

8.30 ▪ 10.00 ***Registration***

10.00 ▪ 10.30 ***Welcome Statements***
Debora Stefani - *AEIT General President*

10.30 ▪ 11.45 PANEL
"Energy & ICT: a Driver for Industrial Development"
Chair: Gianluigi Fioriti - *CEO of e-distribuzione*

PANEL
Gianluigi Fioriti - *CEO of e-distribuzione*
Luigi Michi - *Director of Strategies and Development Division Terna*
Salvatore Lombardo - *Managing Director of Infratel Italia*
Pietro Paolo Bueti - *Strategic Marketing Manager ABB*

11.45 ▪ 13.15 TECHNICAL PARALLEL SESSIONS
ROOM A - Methods, Components and Technologies for Transmission and Distribution I

ROOM B - Distributed Systems and Technologies for Smart Cities: Issues and Emerging Solutions I

ROOM C - Cyber Security

13.15 ▪ 14.00 ***Lunch***

14.00 ▪ 14.15 AEIT National Task Force
Emilio Marino - *AEIT National Task Force*

14.15 ▪ 14.30 The excellence in AEIT
Monica Crosa di Vergagni - *AEIT Sezione Ligure and University of Genoa*

14.30 ▪ 16.00 TECHNICAL PARALLEL SESSIONS
ROOM A - Methods, Components and Technologies for Transmission and Distribution II

ROOM B - Distributed Systems and Technologies for Smart Cities: Issues and Emerging Solutions II

ROOM C - Sustainability I

16.00 ▪ 16.15 ***Break***

16.15 ▪ 17.15
Case Histories and Best Practices from Industries, Universities, Research Centers
Long Term Scenarios for the Italian Electric System
Chair: Enrico Maria Carlini - *Terna Rete Elettrica Nazionale*

PANEL
Enrico Maria Carlini - *Terna Rete Elettrica Nazionale*
Bruno Cova - *CESI*
Massimo Gallanti - *RSE*

17.15 ▪ 18.45 TECHNICAL PARALLEL SESSIONS
ROOM A - Methods, Components and Technologies for Transmission and Distribution III

ROOM B - Emerging Technologies

ROOM C - Sustainability II

Secretariat
AEIT Ufficio Centrale
Via M. Macchi 32 - 20124 Milano ▪ Tel. +39 02 87389965 ▪ E-mail: convegnoannuale@aeit.it ▪ Web Site: convegni.aeit.it/CA2017

Thursday, September 21st, 2017

9.00 ▪ 10.30 TECHNICAL PARALLEL SESSIONS

ROOM A - Methods, Components and Technologies for Transmission and Distribution IV

ROOM B - Power Electronics

ROOM C - Internet of Things

10.30 ▪ 10.40 ***Break***

10.40 ▪ 11.10 Keynote

Open Meter, the new Generation: Smarter and Customer Oriented

Christian D'Adamo - *Responsabile Progetto Contatore Elettronico e-distribuzione*

11.10 ▪ 12.30 PANEL

"The Role of the Internet of Things in the Development of Next Generation Infrastructures"

Chair: Luigi Atzori - *Professore Associato dell'Università di Cagliari e co-fondatore di GreenShare*

PANEL

Luigi Atzori - *Professore Associato dell'Università di Cagliari e co-fondatore di GreenShare*

Giampiero Pilu - *Application Engineering Manager Europe at Telit Wireless Solutions*

Antonio Solinas - *Responsabile del settore Ricerca e Innovazione di Abisnula*

Antonio De Bellis - *Country Business Development Manager ABB*

Gianfranco Porru - *Responsabile Sviluppo Tecnologico Sartec*

12.30 ▪ 13.00 Keynote

Kamal Al-Haddad - *President IEEE Industrial Electronics Society - IEEE IES*

13.00 ▪ 14.00 ***Lunch***

14.00 ▪ 15.30 TECHNICAL PARALLEL SESSIONS

ROOM A - Smart Grids and Smart Cities I

ROOM B - Mobility and Electrical Transports

ROOM C - Service Continuity and Safety I

15.30 ▪ 16.30

Case Histories and and Best Practices from Industries, Universities, Research Centers

Wind and Photovoltaic

Chair: Giuseppe Noviello - *EF Solare Italia*

E2i, SMA, eFM

16.30 ▪ 16.45 ***Break***

16.45 ▪ 18.15 TECHNICAL PARALLEL SESSIONS

ROOM A - Smart Grids and Smart Cities II

ROOM B - Computational Electromagnetics and Optimization

ROOM C - Service Continuity and Safety II

20.30 ***Gala Dinner***

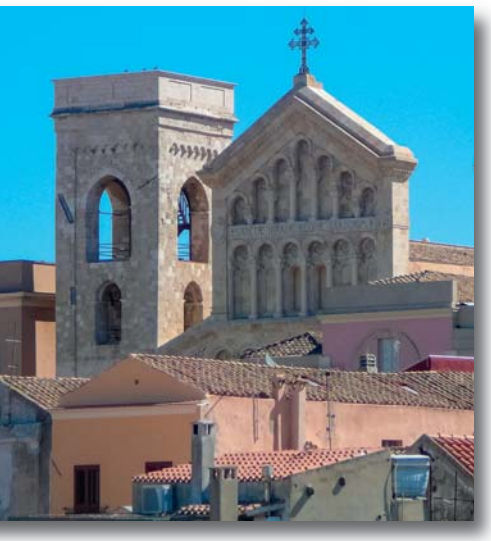












Friday, September 22nd, 2017

9.15 ▪ 10.45 TECHNICAL PARALLEL SESSIONS

ROOM A - TLC Mobile

ROOM B - Smart Systems

ROOM C - Electrical Machines and Drives

10.45 ▪ 11.00 ***Break***

11.00 ▪ 11.15

The role of innovation Clusters

Alfredo Tafuri - *MESAP*

11.15 ▪ 12.30 PANEL

"The Role of Incubators & Accelerators for Fostering the Innovation in Energy and ICT Infrastructures"

Chair: Maria Chiara Di Guardo - *Prorettore delegato per il territorio e l'innovazione, Direttore del Centro di Ateneo per l'Innovazione e l'imprenditorialità e Direttore del Contamination Lab dell'Università di Cagliari*

PANEL

Luca De Rai - *Direttore R&D Energia Prysmian*

Renato Caboni - *CEO e cofounder di Neeot*

Alessio Calcagni - *CEO e co-founder di Veranu*

Mario Mariani - *Partner di United Ventures e Fondatore di The Net Value*

Maria Chiara Di Guardo - *Prorettore delegato per il territorio e l'innovazione, Direttore del Centro di Ateneo per l'Innovazione e l'imprenditorialità e Direttore del Contamination Lab dell'Università di Cagliari*

Paolo Zurru - *co-fondatore di MySolarFamily*

12.30 ▪ 13.00 ***Closing Session***

Secretariat
AEIT Ufficio Centrale
Via M. Macchi 32 - 20124 Milano ▪ Tel. +39 02 87389965 ▪ E-mail: convegnoannuale@aeit.it ▪ Web Site: convegni.aeit.it/CA2017