112th edition

AEIT 2020 International Annual Conference
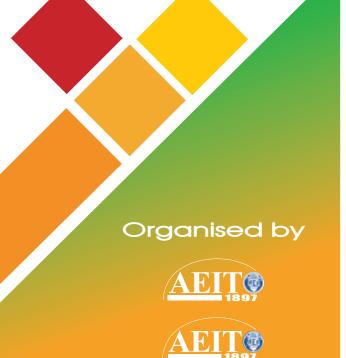## Catania, Italy 23-25 September 2020

CALLFOR PAPERS

In recent years, we are seeing a growing synergy among infrastructures and systems for production, transmission, distribution and conversion of electricity, telecommunications, and computing technologies that provide for the intelligence of the whole system. The ever-increasing dependence on electricity for carrying out daily activities, increasingly employing smart devices, and the need for an intelligent management of the power grid in 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.

AEIT 2020 will be an international forum to point out the challenges needed to face with, in order to stimulate innovative entrepreneurial initiatives, and increase country's competitiveness.

The conference will host both technical and scientific contributions in the wide area of automation, electricity, information and communication technologies. It will also be the venue for hosting panels and speeches from national and international stakeholders for discussing those strategies useful to increasing competitiveness, and lay the foundations for the creation of new scientific as well as technical initiatives.

Organised by

AEIT 1897

AEIT 1897
Sezione CATANIA

SUBMISSION OF PAPERS

The working language of the conference is English. Submit the full paper (six pages) as PDF following the IEEE layout requirements by using the templates given at the conference web page: https://convegni.aeit.it/AEIT2020 via EDAS. The full paper should contain a complete description of the proposed technical contribution along with some results, suitably framed in the related state of the art. Each paper will be reviewed in terms of relevance with respect to the scope of the event, originality and quality of the technical content, overall organization and writing style.

IEEE Industry Applications and IEEE Industrial Electronic Society Technical Cosponsorship are pending.

Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Topics of interest include but are not limited to:

- Automotive
- Bioengineering & Healthcare
- Broadband Communications
- Cloud and Hybrid Systems
- Cyber-Physical Systems
- Cyber-Security
- Diagnostics
- Electrical Machines & Drives
- Electromagnetic Models & Simulation
- Energy Efficiency
- Energy Storage
- Internet of Things
- Measurements and Instrumentation
- MEMS & Smart Sensors
- Mobility and Electric Transportation
- Nanoelectronics
- Photonics
- Power Electronics
- Renewable Energy Sources
- Service continuity and Safety management
- Smart Cities
- Smart Grids
- Sustainability
- Telecommunications Services
- Transmission & Distribution of Electricity

Call for Special Sessions

The conference will include Special Sessions on highly specialized topics reporting technical trends and breakthroughs within the scope of the conference. Special Sessions are organized at the initiative of one or more individuals, who must adhere to specific procedures published at the conference website.

Tutorials

AEIT2020 will include a number of Tutorials on cutting edge technologies related to the conference topics. Therefore, the Organizing Committee invites outstanding researchers in respective area to propose 3-hour tutorials to be presented during the conference. Proposals should include: title, name of instructor(s), a 500 word (max) abstract, a detailed list of topics, instructor's CV, a list of most relevant papers published by instructor(s) in the area of tutorial. A template is available in the conference website.

Important Dates

Special Session proposal: **February 28, 2020**
Tutorial proposals submission: **February 28, 2020**
Paper submission: **April 30, 2020**
Acceptance notification: **June 15, 2020**
Final Manuscript and authors' registration: **July 15, 2020**

Venue

Università di Catania
Monastero dei Benedettini
Piazza Dante 32 - Catania, Italy

Secretariat

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