

# The International Symposium on Advanced Electrical and Communication Technologies

## University of Rome Tor Vergata, Rome, Italy

### November 27-29, 2019

[www.isaect.org](http://www.isaect.org)

Under the **Patronage of the European Space Agency (ESA)**, of the **Italian Space Agency (ASI)**, and following the outstanding success of the previous editions, we are very glad to announce this edition of the **International Symposium on Advanced Electrical and Communication Technologies ISAECT2019** that will take place in **Rome, Italy, from 27th to 29th November 2019**. ISAECT'2019 is technically co-sponsored by **EuMA, IEEE Italy Section, and IEEE** (Conf Record Num: #47714).

ISAECT2019 will provide an international technical forum for engineers, scientists and researchers to present their recent works and developments on the fields of **Information and Communication Technologies, Smart Systems, and Electrical Engineering**, exchange and share their experiences, and explore collaborative projects in these fields.

We are pleased to invite you to submit your original papers to the **IEEE - International Symposium on Advanced Electrical and Communication Technologies** (ISAECT'2019). The **Submission deadline is fixed on July 10, 2019**.

Presented papers will be submitted for inclusion into IEEE Xplore digital library as well as other Abstracting and Indexing (A&I) databases. Furthermore, Authors of selected papers will be invited to submit extended version of their papers (at least 40%) for potential publication in high indexed international journals.

In the past edition (ISAECT2018), all presented papers (**Acceptation rate: 54%**) have been published in IEEE Xplore Digital Library. More than **80 selected papers** were considered for publication in Indexed International Journals.

#### Important Dates:

**Paper Submission: July 10, 2019.**

**Acceptance notification: September 15, 2019.**

**Camera-ready submission: October 05, 2019.**

**Author registration: October 10, 2019.**



#### TOPICS:

ISAECT2019 will be organized along three main tracks. The topics include, but are not limited to, the following:

##### **Track1: Information and Communication Technologies**

Wireless and mobile Communications Technologies, 5G wireless networks, Microwave and Millimeter wave Engineering, Signal and image Processing, Antenna design and RF propagation, Electromagnetic computation Methods, Vehicular Networks and Communication Technologies for Vehicles, Reconfigurable Wireless Networks, e-health technologies, Network Planning and Capacity Analysis, Biomedical Engineering, Bioinformatics, RFID Technology and Applications, Cognitive Radio and Dynamic Spectrum Access, Satellite and Space communications and networking, Performances and QoS, Grid and Cloud Computing, Hybrid Information Technology, Internet Technologies and applications and Internet of Things, Big data and Data Mining, Distributed and Parallel Processing, Mobile Computing and Data Management, Neural Networks, Mobile and wireless Network Security, Cryptography and Security in Virtualization, Social Networks Applications.....

##### **Track2: Smart Systems**

Machine Learning, Intelligent Web-based Systems, Artificial intelligence, Deep and E-learning, Intelligent & Smart Networks, Smart city technologies and Systems, Smart mobility and Transportation, Smart Service/Administrative/Public Sector Processes, Smart Digital Infrastructure, Smart Buildings, Smart Home Devices, Smart Grids Technologies and Applications, Smart Energy Systems, Smart Governance, Business Intelligence, Intelligent Decision Making and Multi Agent Systems, Web-based Social Sensing and Data Analytics, Intelligent Vehicle...

##### **Track3: Electrical Technologies**

Embedded Systems and Applications, Microprocessor Based Technologies, Electrical Power Generation, Electrical Machines, Electrical devices, Energy Conversion and Energy efficiency in industry, Electrical Materials and Applications, Semiconductor Physics, High Voltage Engineering and Insulation Technology, Power Electronics and Drive Systems, EMI/EMC, Wind, Solar and Renewable Energy, Control Systems Design and Automation, Robotics and Mechatronics, Automotive and Avionic engineering, Electromagnetic and Superconductivity, MEMS and NEMS Related Technology, Sensors and Actuators, Photovoltaic devices, Electromechanical devices, Instrumentation and Measuring Technology, Materials Characterization Techniques, Nano and microelectronics, Optoelectronics, Monolithic and hybrid circuit design techniques.

#### General Co-Chairs:

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