



IEEE RTSI 2019 is the 5th Forum on Research and technology for Society and Industry focusing on contemporary society and industry topics ranging from mobility, industry 4.0 issues, energy, power quality, electronics, controls, manufacturing, communications and computational intelligence. Join us in this exciting event where industry experts, researchers, and academics share ideas and experiences surrounding frontier technologies, breakthrough and innovative solutions and applications.

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Important Dates:

Deadline for submission of Special Technical Sessions proposals: March 31, 2019

Deadline for submission of tutorials proposals: May 15, 2019

Deadline for submission of regular papers and Special sessions papers: May 11, 2019

Notification of acceptance: June 14, 2019

Deadline for submission of final manuscripts & author registration: June 28, 2019

Early registrations: July 5, 2019

TRACK 1 - Smart Energy

- 1) Power Systems and Smart Grids;
- 2) Power Electronics Converters, Electrical Machines and Industrial Drives;
- 3) Power Management and Smart Building Technologies;
- 4) Renewable Energy and Energy Storage Systems;
- 5) Linear and Non-linear Modeling and control Circuits and Systems;
- 6) Neural Networks and Neuromorphic Systems;
- 7) Energy Harvesting, and Wireless Power transfer.

TRACK 2 - Smart Mobility, Logistics and Environment

- 1) Automotive technologies, electric vehicle transportation systems, environmental impact of electric vehicles, autonomous vehicles, road user safety;
- 2) Transportation electrification, new electric & hybrid vehicle concepts and architectures, interconnected users, vehicles and cities;
- 3) Integrated and intelligent logistics, business models for smart mobility of people and goods, commercial vehicle operations;
- 4) Transportation networks, advanced public transportation management, charging infrastructure and grid integration, Informative systems and services, shared mobility road, and rail traffic management;
- 5) Ports, waterways, inland navigation, and vessel traffic management and shipboard electrical power systems;
- 6) Air transportation, avionics and aerospace, more electric aircrafts.

TRACK 3 - Industry 4.0

- 1) Cybersecurity;
- 2) Big data for Internet of things;
- 3) Automation, robotics and smart factories;
- 4) Localization: RFID technologies, wireless sensor networks, algorithms;
- 5) Sensors and transducers, integration of sensors, active and passive sensors, sensor modeling and analysis, environmental sensing;
- 6) Nanotechnologies for industry 4.0;
- 7) Photonic technologies, lasers and 3D printing for industry 4.0.

Submission of Papers

Prospective Authors of papers are invited to submit a paper (typically 4-6 pages in standard IEEE two-column format) via EDAS by suggesting the related Track and Technical Topic. Submission of papers implies intention to register and present the related content at the conference.

The final manuscript must be accompanied by a registration form and a full registration fee payment proof.

Proceedings papers presented at the Conference will be submitted for inclusion in the IEEE Xplore Digital Library.

More details are available at the conference website <http://rtsi2019.ieeesezioneitalia.it>