PowerTech MILANO 2019

Leading Innovation for Energy Transition

CALL FOR PAPERS

13th IEEE PES PowerTech Conference
23-27 June 2019

Politecnico di Milano | Campus Bovisa
MILANO | ITALY

On behalf of the International Steering Committee and the Local Organizing Committee we invite you to attend the **13th IEEE PowerTech 2019** co-sponsored by IEEE Power & Energy Society (PES) and Politecnico di Milano.

PowerTech is the anchor conference of the IEEE PES in Europe and provides a forum for researchers and engineers involved in electric power and energy engineering to share ideas and results. Both industry and academia are heartily welcomed to strengthen their collaboration and lead the innovation in the energy world.

The conference main topics include, but are not limited to:

System Operation and Control
Planning and operation of power systems under market conditions
Modeling, analysis and operation of hybrid AC and DC transmission and distribution systems
Power quality and electromagnetic compatibility issues and mitigation techniques
Power system dynamics, stability and control
Network modeling, protection and security
Advanced diagnostic and monitoring techniques
Electromagnetic transients and HV technique

DATA Science and ICT in Power Technologies
Big data analysis for power systems
Data and computational intelligence in power technologies
Sensors, communications networks and advanced metering infrastructure
Cyber and physical security systems and data acquisition, processing and management
State estimation and situational awareness
Co-simulation of electric energy systems and ICT systems

Innovative Grids in Energy Hybrid Systems Integration
Smart grids for smart cities
Innovative modeling and optimization tools for multi-energy systems
Microgrids and aggregators
Modeling and analysis of plug-in grids
Forecasting, modeling and management of renewable energies and loads
Exploitation of electric vehicles and low-carbon transportation
Energy storage technologies and applications

Power Industry leading innovation
New technologies in power industry
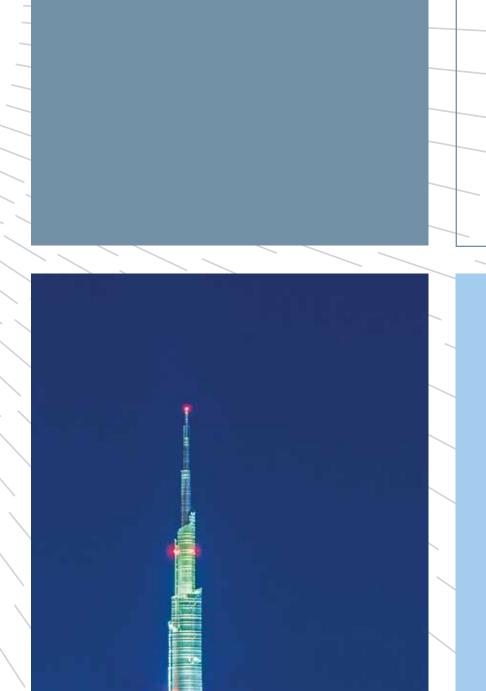Smart robotics for asset monitoring and maintenance
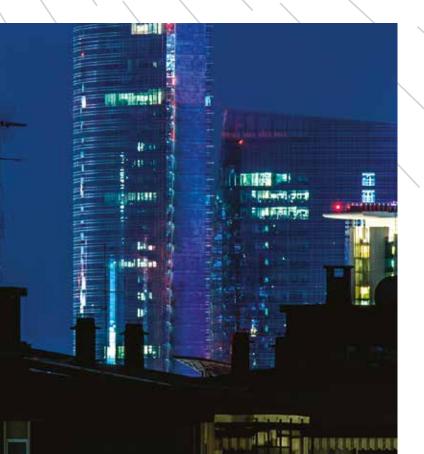Smart controls and sensors in end-use devices
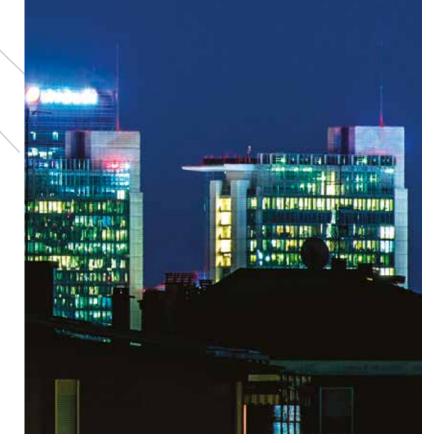Next generation electric equipment
Advanced software tools and platforms

Conference Chair: Dario Zaninelli, Politecnico di Milano – Department of Energy, Italy

IMPORTANT DATES

30 November 2018	**Full Paper Submission (EXTENDED)**
31 January 2019	**Authors notified of acceptance**
31 March 2019	**Final paper submission**

For Information and Program Updates visit www.ieee-powertech.org