

IEEE CPE-POWERENG 2021

15th International Conference on Compatibility,
Power Electronics and Power Engineering
14-16 July 2021- Florence, Italy



Call for papers

Conference Overview

CPE-POWERENG is an important conference of the IEEE Industrial Electronics Society (IES) devoted to the dissemination of new ideas, research and work in progress within the fields of power electronics, renewable energy integration, power generation, transmission and distribution, power systems, electro-mechanical energy conversion, automation and EMC/EMI issues. The objectives of the conference are to provide high quality research and professional interactions between industry and academia for the advancement of science, technology and fellowship. The main features of the conference include Invited Talks, Regular Sessions, Special Sessions.

TECHNICAL TRACKS

- POWERGENERATION, TRANSMISSION AND DISTRIBUTION
- POWER ELECTRONICS AND APPLICATIONS
- SMART GRIDS TECHNOLOGIES AND APPLICATIONS
- RENEWABLE ENERGIES
- STORAGE TECHNOLOGIES
- DISTRIBUTED POWER GENERATION SYSTEMS
- COMMUNICATION, SECURITY AND SMART METERING
- ELECTRICAL MACHINES AND ADJUSTABLE SPEED DRIVES
- TRANSPORTATION ELECTRIFICATION
- ELECTRIC MOBILITY
- ENERGY MARKET
- EMI AND EMC ISSUES

Special Sessions

The conference will include special sessions on highly specialized topic areas, 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 on the conference website.



Paper Submission

Prospective authors are invited to electronically submit full papers in English, 6 pages, in pdf format following instructions on the website. Accepted and presented papers will be submitted for inclusion in the IEEE Xplore online digital library and EI Compendex database. In addition, top 10% papers (as per the review-score) of CPE-POWERENG conference papers will be invited to submit the revised versions as post-conference papers for further review and possible publication in the IEEE Journal of Emerging and Selected Topics in Industrial Electronics (JESTIE). These papers must be on emerging topics and within the scope of JESTIE.

Venue



The Conference is held at Palazzo Incontri and Fondazione Cassa di Risparmio CR Firenze, Florence, Italy. Due to artistic and architectural heritage, Florence has ranked as one of the most beautiful cities in

the world and it was the birthplace of the Italian Renaissance.

Important Dates

Special session proposal deadline 31 January 2021

Full paper submission 21 February 2021

Notification of acceptance 1 April 2021

Final paper submission 1 May 2021

Conference Organizing Committee

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Polytechnic Institute of Setubal, Portugal

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Polytechnic Institute of Setubal, Portugal

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Alfredo Testa, Università Luigi Vanvitelli, Italy

Stanimir Valtchev, University of Lisbon, Portugal

Luca Zarri, University of Bologna, Italy

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Power Generation, Transmission and Distribution

Rahul Sharma, University of Queensland, Australia

Marco Merlo, Politecnico di Milano, Italy

Power Electronics and Applications

Mario Marchesoni, University of Genova, Italy

Andrii Chub, University of Tallinn, Estonia

Smart Grids Technologies and Applications

Massimo La Scala, Politecnico di Bari, Italy

Andrea Benigni, RWTH Aachen, Germany

Renewable Energies

Giovanni Spagnuolo, University of Salerno, Italy

Mauricio Salles, University of Sao Paulo, Brazil

Storage Technologies

Alfonso Damiano, University of Cagliari, Italy

Sheldon Williamson, University of Ontario, Canada

Distributed Power Generation Systems Communications, Security and Smart Metering

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Sergio Toscani, Politecnico di Milano, Italy

Electrical Machines and Adjustable Speed Drives

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Transportation Electrification

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Energy Market

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