

ICHQP 2022

20th International Conference
on Harmonics and Quality of Power
Naples, Italy, May 29th - June 1st 2022



FIRST ANNOUNCEMENT

ICHQP is one of the premier international conferences in the field of electrical power engineering and the only IEEE PES conference dedicated to the area of power quality. The conference presents academic and industrial work of technical excellence at the forefront of power quality research and practical developments. The 20th ICHQP will continue this tradition, providing an excellent opportunity for individuals from academia and industry working in the area of power quality to come together to share and exchange ideas.

The 20th ICHQP will be held in the beautiful southern Italian city of Naples. The conference is technically co-sponsored by the IEEE Power and Energy Society, the IEEE Italy Section PE Chapter and EnSiEL, the Italian National Inter-Universities Consortium – Energy and Electrical Power Systems, and hosted by the three Neapolitan Universities: “Federico II”, “Luigi Vanvitelli”, and “Parthenope”.

The conference scope covers topics in power quality including, but not limited to:

- Power Quality Analysis
- Power Quality Mitigation Technologies
- Distribution System Planning for Power Quality
- Power Quality Monitoring /Reporting Methodologies and Indices
- Power Quality State Estimation
- Impacts on Systems and Equipment
- Power Quality Standards
- Equipment Power Quality Immunity
- Transients – Propagation, Measurements and Modelling
- Harmonic Generation and Propagation
- Interharmonics and other Non-Harmonic Distortion
- Power Quality Case Studies
- Probabilistic Aspects of Power Quality
- Economic Impacts and Management of Power Quality
- Renewable/Distributed Generation and Power Quality
- Smart Grid Technologies for Power Quality
- Time-Varying Harmonics
- Light Flicker and Voltage Fluctuations
- High Frequency Distortion in the range 9-150 kHz
- Power Quality in Liberalized Energy Markets
- Power Quality in E-mobility Infrastructures
- Lightning-induced Power Quality Issues
- Power Quality and Reliability
- Power Quality Data Analytics
- Forecasting Techniques Applied to Power Quality

Please visit the conference website www.ichqp2022.org for the latest news

Conference General Chair

Roberto Langella

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Paper publication

All presented papers will be submitted for publication in IEEE Xplore. A selection of presented papers at ICHQP 2022 will be invited to be resubmitted as a technically extended version of the paper to a prestigious international journal.

Sponsors and Exhibitors

Opportunities to sponsor or exhibit at the conference are available to businesses interested in taking part in ICHQP 2022. For details, please visit the conference website www.ichqp2022.org.

Hosted by

University of Naples “Federico II”
University of Campania “L. Vanvitelli”
University of Naples “Parthenope”

