

THE SECOND IEEE
INTERNATIONAL CONFERENCE
ON SMART GRID SYNCHRONIZED
MEASUREMENTS AND ANALYTICS



IEEE SGSMA 2022

May 25-27, 2022
Radisson Blue, Split, Croatia

HOSTS: University of Zagreb
&
Croatian Transmission System Operator HOPS,
Croatia

The IEEE International Conference on Smart Grid Synchronized Measurements and Analytics 2022 (IEEE SGSMA 2022) provides a leading forum for disseminating the latest research in Synchronized Measurements and Analytics. IEEE SGSMA brings together leading researchers and developers from academia, research and industry from all over the world to facilitate innovation, knowledge transfer and technical progress in addressing synchronized measurements and analytics to advance smart grids. The theme of the conference will be focused particularly on synchronized sampling and synchrophasors. The conference will attract scientific and applied research findings in Smart Grid Synchronized Measurements and Analytics. The attendees will get the opportunity to present their findings, learn about the recent research results from others, and be able to network with some of the leading luminaries, academics, researchers and practitioners in this area.

TOPICS OF INTEREST

- Synchronized measurements and sampling
- Synchronized phasor calculation
- Time dissemination techniques
- Synchronized measurement instrumentation
- Calibration systems
- Procedures for certification
- Acceptance, commissioning and field testing
- Applications to critical infrastructure systems
- Modeling and simulation
- Data analytics for power system applications
- Implementation and design of devices and systems
- Graphical user interfaces
- Bad data detection and troubleshooting tools
- Metrics for performance evaluation
- Design and application
- Situation awareness systems
- Grid "edge" applications
- Wide area monitoring, control and protection (WAMPAC) systems
- Educational issues and curriculum
- Cybersecurity issues and solutions
- The next generation of EMS and DMS



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IMPORTANT DEADLINES

Registration & paper submission opens: **June 01, 2021**
Full paper submission: **Nov. 14, 2021**
Tutorial/Panel proposal: **Dec. 15, 2021**
Notification of acceptance: **Jan. 15, 2022**
Student travel grant application: **Jan. 20, 2022**
Final paper submission: **Mar. 01, 2022**
Early bird registration: **Mar. 01, 2022**
Regular registration: **May 15, 2022**