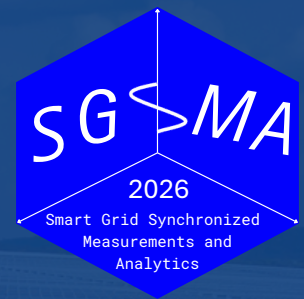


The 5th International Conference on Smart Grid Synchronized Measurements and Analytics



SGSMA 2026 – sgsma2026.cl

June 1-4, 2026

Santiago de Chile, Chile



The broad electrification of the world economy, the continued deployment of renewables and the expansive means to reduce carbon emissions requires a reliable and resilient electric grid. Ensuring power system security and stability requires accurate, timely and verified synchronized measurements of time varying and noisy current and voltage signals, collected across vast electrical grids, numerous different electrical components and in the presence of volatile renewable energy sources. Synchronized measurements and their analysis support operational control and may enhance decisions in generation and grid investments. The infrastructure that enables, transmits, secures and stores synchronized measurements (incl. the cloud) becomes crucially important, too. *The International Conference on Smart Grid Synchronized Measurements and Analytics 2026 (SGSMA 2026) is the leading forum for disseminating the latest research and innovations on this multi-faceted topic.*

Examples of topics of interest – all on synchronized measurements and their systems/devices:

- Bad data detection and troubleshooting
- Signal processing for waveform components estimation
- Metrics for performance evaluation
- Modeling, simulation and digital twins
- Wide-area monitoring, control and protection of the electrical grid, microgrids and industrial plants
- Time synchronization, clock sources, signal dissemination, instrumentation & uncertainty
- Analytics and visualization of infrastructure
- Certification, commissioning, field testing & calibration
- Cyber-physical security
- Sensors, communications & computing analytics
- Next generation control centers, IEC 61850 interface
- Databases & integration with legacy systems & the cloud
- Optimal placement
- Educational needs and development
- Theoretical and fundamental advances
- Experiences & views from IEEE WiP & YPs, and CIGRE
- Accuracy of waveform and phasor calculation
- Women in Energy & Next Generation Network

Important Dates:

Full Paper Submissions (w/wo prior abstract submission)	Dec 5, '25
Tutorial/Workshop/Panels Proposals Submission Deadline	Dec 5, '25
Acceptance of Full Papers & Proposals, Registrations Open	Feb. 15th, '26
PhD Dissertation Competition Submissions Deadline	March 1st, '26
Finalists of PhD Dissertation Competition Contacted	March 15th, '26
Final Paper (reviewers' comments incorporated) Deadline	March 15th, '26
Early Bird Registration Deadline	May 1st, '26

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