

Special Issue

Control and Optimization of Smart Grids, Microgrid Systems and Active Distribution Networks

Message from the Guest Editors

This Special Issue on “Control and Optimization of Smart Grids, Microgrid Systems and Active Distribution Networks” seeks high quality works focused on addressing stability analysis, control, and optimization issues in the aforementioned high-proportion electronic systems. Topics include, but are not limited to, the following:

- Modeling and simulation techniques for large-scale power electronic systems;
- Damping analysis, control, and optimization techniques;
- Power flow and power quality control and optimization techniques;
- Impedance measurement and impedance matching techniques;
- Broadband oscillation analysis and suppression techniques;
- Grid-forming control and optimization techniques.

Guest Editors

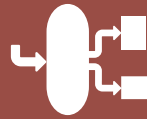
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Deadline for manuscript submissions

closed (31 March 2026)



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