



Modelling, Stability Analysis and Advanced Control of Power Electronics Cluster System

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Deadline for manuscript submissions:

closed (31 March 2023)

Message from the Guest Editors

Editors invite original manuscripts presenting recent advances in these fields with special reference to the following topics:

- Network topologies of power electronics clusters;
- Multi-time scale model and its model order reduction;
- High-power and high-voltage power electronic system;
- Non-linear phenomena modeling and mechanism analysis;
- Small-/large-signal stability analysis methods;
- Harmonic instability analysis and power quality issues;
- Fault characteristics and operation monitoring;
- Advanced control of power electronic system under dynamic loads;
- Oscillation damping techniques in wind plants, microgrid, and other occasions;
- Grid-friendly interfaces and coordination control for renewable generation and vehicle-to-grid (V2G).





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Message from the Editor-in-Chief

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