

Special Issue on

Predictive Control and Sliding Mode Control for Power Electronics and Motor Drives in Microgrids



Call For Papers

A new Special Issue *Predictive Control and Sliding Mode Control for Power Electronics and Motor Drives in Microgrids* (<http://acisjournal.org/sinfo/134020>) has been launched in *Automation, Control and Intelligent Systems* (<http://www.acisjournal.org>). This Special Issue intends to collect research achievements concerning Micro grid Control. Novel insights as well as fundamental research on the topics are warmly welcomed. Your submissions along with your ingenious works are expected.

Lead Guest Editor

Lead Guest Editor: Siew-Chong Tan

Affiliation: University of Hong Kong, Hong Kong, China

Paper Submission

Potential authors are humbly requested to submit an electronic copy of their complete manuscript via

<http://acisjournal.org/submission>

Topics of Interest Include (but not limited to):

- ◆ Finite control set model predictive control (FCS-MPC) and/or continuous MPC for power converters
- ◆ Distributed predictive control of microgrids with renewable.
- ◆ Power balance and management
- ◆ Constant-frequency pulse-width-modulation (PWM)-based sliding mode control for grid-connected converters
- ◆ Variable-frequency sliding mode control for grid-connected converters
- ◆ Distributed generations
- ◆ Integrated predictive and sliding mode control for emerging technologies, e.g. wireless power transfer, in microgrids
- ◆ Power quality issue (harmonics, voltage/frequency deviations etc.)

Important Dates

Submission Deadline: **Jun. 25, 2020**

Publication Deadline: **Aug. 25, 2020**



Join as Guest Editor

For scholars who have intention to join the special issue as guest editor, please check out the link below:

<http://acisjournal.org/jsjt/134020>