



CALL FOR PAPERS
SPECIAL SESSION ON
“Intelligent Controller Design for disaster response in Power Grids”
for CoDIT'20
June 29 - July 2, 2020 ▪ Prague, Czech Republic

Session Chair:

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Session description

This special session deals with the problem of rapid recovery of power grid after a catastrophic event, for example Hurricane Maria, following which major areas of Puerto Rico lost power for months. With the widespread availability of distributed energy resources like PV and batteries, there is a need for distributed controllers, which can prioritize the power to critical infrastructure like hospitals.

The goal is to advance research towards building resilient and intelligent power grid infrastructure. Ideas collected in this direction will guide modelling and control of the ‘grid of the future’.

The topics of interest include, but are not limited to:

- Distributed Optimization of power distribution network
- Distributed energy management systems
- Distributed resilient controller for power grid
- Cyber-security of distributed adhoc networks
- Large and multi-agent systems in power networks
- Net load management system with load prioritization

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January 24, 2020**:
<http://controls.paperccept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2020 link**
“Submit a Contribution to CoDIT 2020” and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

January 24, 2020: deadline for paper submission

April 10, 2020: notification of acceptance/reject

May 7, 2020: deadline for final paper and registration