

2020 IEEE International Conference on Industrial Informatics
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Special Session on
“Information Systems for Distributed Energy Storage
Systems”

organized by

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Call for Papers

Theme:

Energy storage systems have been recognized as the key elements for future smart grids and transportation electrifications. As energy storage systems are widely spread in a distributed manner, many challenges will be faced in the adoption of new techniques and strategies for planning, control, monitoring, prediction, and management. In particular, information systems play vital roles in effective, stable and secure utilization of distributed energy storage systems, where advanced algorithms, design, and architecture are to be investigated.

This special session aims to provide timely solutions for emerging challenges in information systems of distributed energy storage systems. Original technical paper and state-of-the-art survey papers are invited for submission.

Topics of interest include, but are not limited to:

- Modeling and Digital Twins of Energy Storage Systems
- Battery Management Systems
- Control Systems of Power Electronics Interfaces
- Grid Ancillary Services by Energy Storage Systems
- Control and Optimization of Distributed Energy Storage Systems
- Fault Prognosis and Diagnosis for Energy Storage Systems
- Condition Monitoring of Energy Storage Systems
- Data Analytics of Energy Storage Systems
- Internet of things Infrastructures and ICT
- Energy Trading and Blockchain with Energy Storage Systems
- Cyber-security Issues of Energy Storage Systems

Submissions Procedure: All the instructions for paper submission are included in the conference website <https://indin2020.medmeeting.org/en>

Fast track to transactions: INDIN 2020 presents a unique chance of fast-tracking best papers to IEEE Transactions on Industrial Informatics (TII). Authors intended to use the fast track shall submit papers in the form following the transactions requirements: length up to 8 pages, double-column IEEE format, without authors' names and affiliations. If the paper is accepted and recommended for the transactions' submission, the authors will be asked to:

- 1) Revise the paper according to the reviewers' comments and submit it to the TII with attached point by point summary of revisions. The paper will be then subject to double blind review process of TII.
- 2) Prepare a shortened, 4 page long version for the INDIN proceedings and submit it by the 'final manuscripts due' deadline of INDIN 2020. This version shall include authors names and affiliations as per the usual INDIN template.

Deadlines:

Deadline for submission of papers:	March 07, 2020
Notification of acceptance of papers:	April 18, 2020
Final manuscripts due:	May 09, 2020