



**CALL FOR PAPERS**  
**SPECIAL SESSION ON**  
**“Advanced Techniques for Control of Energy Systems”**  
**for CODIT'20**  
**June 29 - July 2, 2020 ▪ Prague, Czech Republic**

**Session Co-Chairs :**

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**Session description**

This special session deals with the problem of electrical energy conversion, production and integration. Also, this session is interested to intermittence of renewable energy and direct storage problems.

The goal of this session is to discuss:

- New topologies for power converters with high efficiency.
- New structures of renewable energy sources ( Wind , photovoltaic,...)
- Solutions to improve efficiency of the energy conversion chain using emerging controls

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

- Electrical Machines and adjustable speed drives,
- Generators for renewable energy
- High Power Converters topologies, Multilevel Converters, Resonant Converters, Switched Capacitor/inductor Converters.
- Drivers and circuitry conditioning of power Converters.
- Advanced Techniques Control of power Converters.
- Industry of electric vehicles (power converters, Energy management System, battery chargers).
- Energy generation, Transportation, Distribution and harvesting ,
- Renewable energy and storage systems.
- Low and High voltage power supplies, Uninterruptible power supplies , Power supplies for solid state lighting
- Data analysis applied to Power Electronic converters and electrical systems
- Intelligent control applied to Power Electronic converters, drives systems and renewable energy conversion chain.

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**SUBMISSION**

Papers must be submitted electronically for peer review through PaperCept by **January 24, 2020:**

<http://controls.papercept.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