

# 12<sup>th</sup> IFAC Symposium on Control of Power and Energy Systems

## Rabat, Morocco || July 10-12, 2024

<https://www.CPES2024.org>



## CALL FOR PAPERS

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CPES addresses all aspects of modeling, operation, and control of power and energy systems, including dynamic interactions between energy sources and power systems, constraint and security control aspects, tools and methods for control system design, test and documentation, real-time simulation and dispatching. Development and application of tools and methods such as modern control theory, artificial intelligence techniques, and data-driven modeling.

Recent increases in demand, production costs, and environmental concerns have triggered efforts to develop Smart Grids for power systems. Control, information, and communications technologies are at the core of the Smart Grid vision as they will empower today's power grid with the capability of supporting distributed two-way energy and information flow, isolating and restoring power outages more quickly, facilitating the integration of renewable energy sources and empowering the consumer with tools for optimizing their energy consumption.

Following the tradition, the IFAC TC 6.3 is planning to organize the Symposium with several Invited Sessions and open Invited Tracks, which are centered on all aspects relevant to Power and Energy Systems Control and aim at bringing together researchers from Academia, Industry, and National Labs to exchange novel ideas, explore enabling technologies, discuss innovative designs, and share field trial experiences and lessons learned. All accepted papers will be cited in the Scopus database.

**Regular papers:** Regular papers must present original, unpublished work that falls into the workshop's scope and must not be currently considered for publication elsewhere.

**Tutorial papers:** Tutorial paper goes beyond the presentation of an original work. It also provides an introduction to a topic or particular technique; eventually with a comprehensive review of the area it covers.

**Invited Session Proposals and Invited Session Papers:** The International Program Committee encourages the submission of invited sessions with sets of six invited papers on a well-defined subject of current interest. These papers must present original, unpublished work and must not be currently under consideration for publication elsewhere.

**All accepted papers will be published in a separate issue of the Elsevier Publication IFAC-PapersOnLine series hosted on the ScienceDirect web service.**

### IMPORTANT DATES

- |                             |                     |
|-----------------------------|---------------------|
| ▪ Regular papers            | February 12th, 2024 |
| ▪ Tutorial papers           | February 12th, 2024 |
| ▪ Invited Session Papers    | February 12th, 2024 |
| ▪ Invited Session Proposals | February 7th, 2024  |
| ▪ Discussion papers         | February 12th, 2024 |

