



**CALL FOR PAPERS
SPECIAL SESSION ON
Design, Sizing, Optimization, and Control of Hybrid Renewable Power Systems**

**for ICCAD'23
May 10-12, 2023, Rome-Italy**

Session Co-Chairs:

- Dr. Majdi Saidi, University of Aix Marseille, 13013 Marseille- France, majdisaidi13000@gmail.com
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- Prof. Yassine Amirat, École d'ingénieurs des Hautes Technologies et du Numérique- ISEN YNCREA OUEST, yassine.amirat@isen-ouest.yncrea.fr
- Prof. Mohamed benbouzid, , University of Brest- France, Mohamed.Benbouzid@u-brest.fr

Session description:

This special session deals with the problem of design, optimal sizing, and control of hybrid renewable power systems (HRPSs), yielding lowest possible costs alongside high performance in terms of efficiency, reliability, and durability of the system and its components.

This special session focuses on the analysis, design, and implementation of HRPSs across a broad spectrum, encompassing different HRPS technologies, optimal sizing, engineering branches, applications, and evaluation of expected performance.

The topics of interest include, but are not limited to, the following concerns associated with hybrid renewable power systems:

- Energy management strategies
- Technical and economic sizing
- Distributed generation
- Microgrids
- Energy conversion devices
- Energy storage systems
- Solar energy
- Wind energy
- Modelling and simulation of alternative HRPS designs
- Risk management and disaster prevention
- Artificial intelligence

SUBMISSION

Papers must be submitted electronically for peer review by **January 31, 2023**.

[Submission – ICCAD 2023 \(iccad-conf.com\)](http://iccad-conf.com)

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