

CALL FOR PAPERS



Special Session on “**Optimal Design and Smart Energy**

Management of Hybrid Renewable Energy Systems”

SPIES 2020-2nd International Conference on Smart Power & Internet Energy Systems

June 02-04, 2019, Bangkok, Thailand



ORGANIZED AND CHAIRED by

Seifeddine Ben Elghali, Aix-Marseille University, Marseille, France

Seifeddine.BenElghali@lis-lab.fr

Zhibin Zhou, ISEN Yncréa Ouest, Brest, France

zhibin.zhou@isen-ouest.yncrea.fr

SPECIAL SESSION DESCRIPTION

The implementation of renewable energies for standalone and grid-connected applications is usually slow down by the high cost of installation and the variability and intermittency that characterize renewable energy sources. To address these issues, some special design consideration can be adopted to match, in the most efficient and effective way, the power generation and consumption characteristics. Depending on the specific power level and application, different power sources can be considered to increase the overall performances of the renewable energy system.

The design optimization of Hybrid Renewable Energy (RES) systems must be combined with a smart energy management strategy to effectively increase the profitability of the installation. Moreover, to optimally control the energy flow among the considered sources, some forecasting algorithms can be considered to predict the renewable power generation and the load consumption in different prediction horizon.

TOPICS COVERED

- Optimal design of Hybrid RES;
- Load and energy production forecasting;
- Smart energy management.

Schedule:

[Deadline for submission of the paper \(s\) to the Easychair submission site by selecting the desired special session- January 10, 2020](#)

[Notification of acceptance – February 29, 2020](#)

[Deadline for submission of final manuscripts through Easychair- March 10, 2019](#)

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