



4th International Conference on Control, Automation and Diagnosis
July 1-3, 2020 at Paris, France.



CALL FOR PAPERS
SPECIAL SESSION ON
(Special Session Title: Renewable energy, the new emerging issues)
for ICCAD'20
July 1-3, 2020, Paris-France

Session Co-Chairs:

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Session description:

This special session deals with the problem of:
Renewable energy power production is often variable because solar irradiations and wind depend on weather. This variability brings up huge challenge: how to preserve steadfastness of the balance between energy supply and demand required for a stable electric grid?
Improving weather forecasts, particularly considering global warming and sunspots activities, for the coming decades is likely to better integrate renewable energy plants for better management and planning.

The goal is:

To Analyse new emerging problems following the massive deployment of renewable energy sources: grid stability, cost reduction, storage, grid connection, weather forecasts,

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

- Power quality issues (Power systems, storage, grid stability...)
- Resource location (Modelling, Measurements, Sensors, satellite imagery...)
- Cost issue (Energy Policies, Management, optimization...)
- Information barrier (Lack of measurements, Data analysis, ANN, Deep-Learning algorithm, Weather forecasts...)

SUBMISSION

Papers must be submitted electronically for peer review by: **January 31, 2020**

<http://www.iccad-conf.com/submission.html>

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 31, 2020: deadline for paper submission;

March 31, 2020: notification of acceptance/reject;

April 30, 2020: deadline for final paper submission;

April 30, 2020: deadline for final paper and registration.