

Call for Papers

The 3th international conference on
**Renewable Energies, Power Systems and Green
Inclusive Economy (REPS & GIE-2018)**

(REPS & GIE-2018)

23 -24 APRIL 2018, CASABLANCA - MOROCCO

<http://www.reps-gie.ma/>

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Special Session

Control and Switching of Hybrid Energy Sources

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The whole world is facing a rapid growth and an increasing demand in electrical field making energy production a major concern in many different countries especially in Africa. Hence, hybrid energy is extremely important to renewable energy and energy efficiency. This situation leads to a major revision of energy policies in many countries.

The control power system from hybrid energy sources help to reduce energy consumption costs and also maximize use of renewable energy. The system contains a set of switches for switching power between multiple power sources, and the control unit can reduce excess power generated from multiple inverters equally or storing it in a battery bank.

This special session aims to present important results to the international community of control and switching in the case of hybrid energy sources form research, development, applications and technology.

Special attention will be paid to contributions focus on the ability to exploit ICT advantages in order to resolve critical issues ongoing in developing countries.

Authors are invited to present original works on the design of generic and sophisticated control system that permits the analysis and the study on the availability of several renewal energy sources having different costs; and automatically take the switching decisions on the

best source to be selected for ensuring continuous energy supply service in the rural zone, avoiding the load shedding interruption and with the lowest cost.

Topics of interest include, but not limited to :

- Management of hybrid sources
- Multiple energy water supply
- Optimal energy switching control
- Concurrent use of several renewal energy sources
- Non-electrical storage solutions

Authors are invited to submit papers in the above or related technical areas. Accepted papers will be included in formal Proceedings to be published by the IEEE. Papers must be submitted electronically following the instructions provided at the symposium web site (<https://edas.info/N24329>). Papers should be in the standard IEEE conferences double-column format. Accepted, regular papers will be allowed five pages in the IEEE proceedings of REPS-GIE 2018

Important Dates:

Research Paper Submissions: ***February 15, 2018***

Notification of acceptance: ***March 15, 2018***

Conference date: ***April 23-24, 2018***

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