



Special Session on

Renewable Energy: Modelling, Design, Control and Applications

To be held in the frame of The IEEE 3th International Conference on Renewable Energies, Power Systems and Green Inclusive Economy (REPS & GIE-2018)

23 -24 APRIL 2018, CASABLANCA - MOROCCO

This session aims to provide a platform to present and discuss recent developments and advances in modeling, design and control of renewable energy conversion systems, bring researchers and experts together to discuss and share their experiences.

Submitted papers include Topics below:

- Modeling and control of renewable energy systems,
- Advances in control of PV systems and hybrid sources of energy
- Robust control of generators in wind turbine
- Control of fuel cell energy systems
- Renewable Energy Sources, Technologies and Systems Applications
- Electrical Machines and Drives used in Renewable Energy System
- Power Electronics in Renewable Energy Systems
- Power quality and filtering techniques for Renewable Energy Systems
- High efficiency electrical machines and drives for energy saving
- Diagnosis, Monitoring and Fault Tolerance Control
- Power electronics for grid interface
- Control Systems and Optimization in Renewable Energy Systems
- Control and optimization of Renewable Electrical Power
- Renewable to Grid integration through high-frequency dc/ac and ac/ac converters
- Multi-port converters for interfacing multiple renewable energy sources
- Power converters and control for islanded and grid-connected micro-grid

Organized by:

Hassan EL FADIL, ENSA, Ibn Tofail University, Kénitra, Morocco.

Abdelmajid ABOULOIFA, Hassan 2 University, Casablanca, Morocco.

Emails: elfadilhassan@yahoo.fr ; abouloifa@yahoo.fr.

Papers submission deadline: February, 15th, 2018.