



# ICREGA'16

4TH INTERNATIONAL CONFERENCE ON  
**RENEWABLE ENERGY: GENERATION AND APPLICATIONS**  
**BELFORT, FRANCE**  
 8 – 10 FEBRUARY 2016



## SS07

### Special Session on **Advanced Power Electronics for Power Quality Improvements in Renewable Energy Systems**

Chairmen: Dr. Arnaud GAILLARD, University of Technology of Belfort-Montbéliard, (France)  
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#### General Chairs:

Dr. Mohamed Becherif

#### General Co-chairs:

Pr. Daniel Hissel

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Pr. Pascal Brochet

#### Program Chair:

Pr. Abdel Aitouche

#### Organizing Chair:

Dr. Haitham S. Ramadan

#### Exhibitions:

Dr. Samir Jemei

#### Submission/Registration:

Dr. Youcef Ait Amirat

#### Social Activities:

Pr. M. Hilairat

ICREGA'16 aims at gathering scientists and engineers from academia and industry to discuss the generation and applications in the broad field of Renewable Energy (RE) applications.

This special issue will provide a venue for ongoing research in advanced power electronics for quality improvements in RE systems. This covers, but not limited to :

- ☑ Active and hybrid power filters
- ☑ High power factor rectifiers
- ☑ Multilevel and matrix converters
- ☑ STATCOMs and FACTS
- ☑ Unified power quality controllers
- ☑ Advanced PWM techniques
- ☑ Predictive and sliding-mode control
- ☑ Modeling methods for switch-mode converters
- ☑ Real-time simulations
- ☑ HVDC transmission
- ☑ Interleaved converters
- ☑ Photovoltaic and fuel-cells power plants
- ☑ Wind generation systems
- ☑ .....

**For submission: send directly to the special session chairmen ([arnaud.gaillard@utbm.fr](mailto:arnaud.gaillard@utbm.fr)) and ([amgawad2001@yahoo.com](mailto:amgawad2001@yahoo.com)) in addition to the online submission on: <http://icrega16.utbm.fr/paper-submission/>**

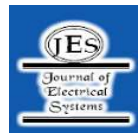
Accepted papers that will be presented in the conference will be published in a scopus-indexed journal.



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#### Important dates for Special Session:

Full Paper Submission: **Postponed to October 15, 2015**

Notification of acceptance: December 01, 2015

Camera ready paper submission: January 15, 2016



L'EXCELLENCE PROCHE DE VOUS !