

## Integration of Power Electronic Converters in Sustainable Systems

to be scheduled in the final program of

### EVER'2011

March 31-April 3, 2011, Monte-Carlo, Monaco

#### EVER'11 General Chairman

S.E.M. Bernard Fautrier  
Plenipotentiary Minister (MC)

#### Program Committee Chairman

Prof. Ahmed Masmoudi  
University of Sfax (TN)

#### Special Session Organizer

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#### Venue

The Fifth International Conference and Exhibition on Ecological Vehicles and Renewable Energies (EVER'11) will be hosted by the principality of Monaco. Located between the Mediterranean Sea, France and Italy. Monaco is one of the most beautiful small countries worldwide. Both conference and exhibition will be held in the prestigious Grimaldi Forum International Congress Center with its fascinating location in the center of Monte-Carlo facing the Mediterranean Sea.

#### Special Session Topics

The special session on Integration of Power Electronic Converters in Sustainable Systems covers topics which are in full harmony with the conference ones, with a focus on power electronic converters, such that:

#### Ecological Vehicle Systems

- EV and HEV electric drive unit design and optimization
- EV and HEV electric drive unit control strategies
- Reduced structure cost-effective converters
- EV and HEV energy storage unit design and optimization
- EV and HEV energy storage unit control strategies
- Plug-in recharging infrastructure technology and standards
- Electric drive unit diagnostics and reconfiguration
- EMC and immunity against disturbances

#### Renewable Energy Systems

- Converters integrated in wind generating systems
- Interfacing wind generating systems to the grid
- PV converter design and optimization
- MPPT strategies in wind and PV generating systems
- Converters integrated in hybrid renewable energy systems
- Hybrid renewable energy system control strategies
- Smart grid modeling and control
- Reactive power compensation



#### Submission

Prospective authors are invited to submit comprehensive abstracts of two to three A4 one column pages, written in English and converted into PDF format, including author name(s), affiliations, mail and e-mail addresses, and website (if any). Abstracts should be submitted, as attached files, to the special session organizer: [asma.benrhouma@laposte.net](mailto:asma.benrhouma@laposte.net)