European Association for the Development of Renewable Energies, Environment and Power Quality

National Research Council of Italy

ICREPQ - SPECIAL SESSION

Dear Colleague,

The Steering Committee and the Local Organizing Committee are glad to invite you to the next "***International Conference on Renewable Energies and Power Quality (ICREPQ)***"

WEB SITE: http://www.icrepq.com

We strongly encourage you to submit papers(*) for the special session of the ICREPQ

11.- Power Electronics for Renewable Energy Systems

Topics of interest for this special session include, but are not limited to:

- AC-DC and DC-DC Converters: Single- and Multi-Phase AC-DC Power Supplies, Multilevel converters, DC-DC Converters, Solar and Wind power converters, Filters and compensators
- Power Electronics and Controls for Distributed Energy Systems
- Devices and Components: Power Integrated Circuits (PIC), Semiconductor Devices, Magnetic Components, Capacitors, Batteries, Sensors, Device Integration and Power management
- System Integration: Packaging, Nanotechnology, Thermal Management,
- Modeling, Simulation, and Control: Devices, Components, Parasitics, Circuit and System, CAD /CAE Tools,
- Power Electronics Applications: Lighting (incl. LED), UPS, Power Generation, Portable Power
- Renewable Energy Storage and Harvesting

Responsible people and Chairmen: **Prof. Dr. Silvano Vergura and Gianpaolo Vitale**

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The ICREPQ is an International Conference where specialists of industrial and academic world can discuss together in a pleasant location about recent developments and actual trends in the field of Renewable Energies and Power Quality. Within these areas, ICREPQ has the aim to identify the most relevant applications evidencing main problems and strategies.

The list of all the Special Sessions selected for ICREPQ and the chairmen are included in the following table:

ICREPQ - SPECIAL SESSIONS		
No.	**TITLE**	**CHAIRMEN**
1	Control and integration of wind energy systems	Mario J. Duran Martínez and Mohamed A. H. El-Sayed
2	Microgrids and Smart grids	Gevork B. Gharehpetian and Alfredo Vaccaro
3	Electric vehicles	Pere Andrada
4	Solar Technologies	Silvano Vergura and Gianpaolo Vitale
5	Applications of Multi-Level Converters and Inverters in Power Quality Improvement	P. N. Tekwani
6	Sustainable Energy Mix	Mohamed A.H. El-Sayed
7	Wind Turbines of the Future: Economics, Design & Operation	Hashem Oraee
8	Harmonics and Power Quality	András Dán and Dávid Raisz
9	Ecodesign, regulation standards and efficiency improvement of electric motors	Ramón Bargalló
10	Ocean Energy (Wave, tidal and offshore wind)	Ahmed Zobaa
11	Power Electronics for Renewable Energy Systems	Silvano Vergura and Gianpaolo Vitale
12	Net Zero Energy Building	Antonio Gagliano and Francesco Nocera
13	Economic, Financial and Social aspects of Renewable Energy Penetration	Mihail Predescu
14	Nanotechnology for Renewable Energy	Basma El Zein and Elhadj Dogheche
15	Low & High Temperature Fuel Cells	Etim Ubong
16	Power Quality and Renewable Energy	André Martinez and Shahrokh Saadate
17	Renewable energies for developing countries	Vít BRŠLICA and Alfredo Vaccaro
18	Strategic Energy Planning	Roberto Cesar Betini and Emilio Torrente Lujan
19	Model Predictive Control for Power Electronics Converters Dedicated to Renewable Energies systems	Kouzou Abdellah
20	Impacts of renewable energy for industrial development and sustainable economics	Amine Boudghene Stambouli and Samir Flazi
21	FACTS (SVC,STATCOM, UPFC, HVDC,...)	Manuel Pérez Donsión

(*) The interested authors can send proposals of papers (digest of a minimum of two double columns pages), or preferable provisional full papers (from 4 to 6 double columns pages), for ICREPQ. The authors must fill up one sheet, that is on the web site, with their preferences about the presentation of the paper. If they prefer an oral presentation they must select the special session that they consider the most adequate for their paper presentation. The proposals of papers can be sent to: icrepq@icrepq.com,donsion@icrepq.com or secretariat@icrepq.com

The definitive full papers will be included in the International Conference on Renewable Energies and Power Quality web page: https://www. icrepq.com, in the USB Memory and in the Renewable Energy, Environment and Power Quality Journal (REE&PQJ), with ISSN: 3020- 531X and DOI: https://doi.org/10.24084/reepqjxx.xxx or included in the Energies and Quality Journal (E&Q Journal) with ISSN:2659-8779 and DOI: doi.org/10.24084/eqjxx.xxx