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

UNIVERSIDADE DE VIGO

ICREPQ - SPECIAL SESSION

Dear Colleague,

The Steering Committee, the Local Organizing Committee and the Responsible People (Chairmen) of the Special Sessions 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.

21.- FACTS (SVC,STATCOM, UPFC, HVDC,...)

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

- VSC (Voltage-Sourced Converter)
- SVC (Static Var Compensator)
- TCSC (Thyristor Controlled Series Compensators)
- SSSC (Static Synchronous Series Compensator)
- DVR (Dynamic Voltage Regulator)
- STATCOM (Static Synchronous Compensator)
- DSTATCOM (Distribution Static Compensator)
- UPFC (Unified Power Flow Controller **)**
- HPFC (Hybrid Power Flow Controller)
- UPQC (Unified Power Quality Conditioner)
- HVDC (High-Voltage Direct Current Transmission)
- MV distribution grid with FACTs devices
- VFT (Variable Frequency Transformer)
- FACTS Equipment. Installations

Responsible people and Chairmen: **Prof. Dr. Manuel Pérez Donsión**

Prof. Dr. Manuel Pérez Donsión
EA4EPQ/AEDERMACP
C/ Villagarcia, Nº 7, 7º C
36209 Vigo (Spain)
Phone:+0034 687468629

e-mail:donsion@icrepq.com

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