

## Information for Best Papers Selection

Best papers were selected based on the reviewers' comments, session chairs' reports and evaluations of program committee by considering the following criteria.

### Main criteria:

- 1- Importance of research
- 2- Theoretical and experimental study
- 3- Well organizing and preparing the paper
- 4- Good oral or poster presentation

### Others:

- 5- PhD students' projects
- 6- Useful application
- 7- Cooperation with industry/academy

### Distribution of Best Paper Categories

<b>First Best Oral Paper</b>	<b>1 paper</b>
<b>Second Best Oral Papers</b>	<b>2 papers</b>
<b>Third Best Oral Papers</b>	<b>3 papers</b>
<b>First Best Poster Paper</b>	<b>1 paper</b>
<b>Second Best Poster Papers</b>	<b>2 papers</b>
<b>Third Best Poster Papers</b>	<b>3 papers</b>

# Best Oral Papers

Award Order	Paper ID Paper Title and Authors
<b>1ST</b>	<b>439-Study of Photovoltaic Cells Implantation in a Long-Endurance Airplane Drone</b> <b>Martinez Viviana , Francois Defay , Salvetat Laurent , K. Neuhaus, Michael Bressan, Corinne Alonso , Vincent Boitier</b>
<b>2ND</b>	<b>85-Improving Energy Self-Consumption Rate in Renewable Energy System</b> <b>Miki Ueshima, Kazufumi Yuasa, Tadatoshi Babasaki</b>
<b>2ND</b>	<b>364-Control of Isolated DC/DC Resonant Converters for Energy Sharing between Battery and Supercapacitors</b> <b>Mouncif Arazi, Alireza Payman, Mamadou B Camara, Brayima Dakyo</b>
<b>3RD</b>	<b>445-Predictive Boundary Conduction Mode PFC Converter with Optimized Variable On-time Control for Driving LED Lighting</b> <b>Jizhe Wang, Haruhi Eto, Fujio Kurokawa</b>
<b>3RD</b>	<b>368-Adaptive Neuro-Fuzzy Inference System Application for the Identification of a Photovoltaic System and the Forecasting of its Maximum Power Point</b> <b>Alphousseyni Ndiaye, El Hadji Mbaye Emn Ndiaye, Abdou Tankari Mahamadou, Lefebvre Gilles</b>
<b>3RD</b>	<b>45-Multi-Port DC-DC and DC-AC Converter for Medium and High Voltage Applications</b> <b>Grain P Adam</b>

# Best Poster Papers

Award Order	Paper ID Paper Title and Authors
<b>1ST</b>	<b>239-Taking Advantage of PV Energy in Copper Electrowinning Requires a Trend Reversal: Increasing Inter-Electrodes Spacing</b> <b>Eduardo P Wiechmann, Jorge Henriquez, Pablo Aqueveque, Anibal Morales, Jonhy Diaz, Camilo Manriquez</b>
<b>2ND</b>	<b>360-A New Strategy based Neural Networks MPPT Controller for Five-Phase PMSG based Variable-Speed Wind Turbine</b> <b>Salah Eddine Rhaili, Ahmed Abbou, Saloua Marhraoui, Nezha El Hichami, Mohammed V University In Rabat, Morocco</b>
<b>2ND</b>	<b>164-Simulation Analysis of Really Occurred Accident Caused by Short Circuit Failure of Blocking Diode and Bypass Circuit in the Photovoltaics System</b> <b>Norio Ishikura, Tomoki Okamoto, Ikuo Nanno, Toshiyuki Hamada, Shinichiro Oke, Masayuki Fujii</b>
<b>3RD</b>	<b>47-Optimization of Electrode Thickness of Flexible Supercapacitors using Activated Carbon Derived from Shochu Waste</b> <b>Takuya Eguchi, Daisuke Tashima, Masumi Fukuma, Seiji Kumagai</b>
<b>3RD</b>	<b>384-Improved Performance of a PV Solar Panel with Adaptive Neuro Fuzzy Inference System ANFIS based MPPT</b> <b>Amara Karima, Mouloud Mammeri University, Tizi-Ouzou, Algeria, Arezki Fekik, Ali Malek, El Bey Bourennane, Dalila Hocine, Toufik Bakir, Hamida Mohamed Lamine</b>
<b>3RD</b>	<b>411-RESCoin to improve Prosumer Side Management into Smart City</b> <b>Mariacristina Roscia, George Cristian Lazaroiu</b>