



**ARGENTINEAN-GERMAN WORKSHOP ON
RENEWABLE ENERGY TECHNOLOGIES
AND THE SMART GRIDS**

**October 7–9, 2013
San Juan, ARGENTINA**



Organization: Instituto de Energía Eléctrica

Language: English

Chairmen: Dr. Ing. Marcelo Molina,
National University of San Juan, San Juan, Argentina
Dr.-Ing. Marios Pacas,
Universität Siegen, Siegen, Germany

Sponsor: Argentinean-German University Center (CUAA-
DAHZ) and Argentinean Ministry of Science,
Technology and Productive Innovation (MINCYT)

Venue: Instituto de Energía Eléctrica,
Faculty of Engineering, National University of San Juan
Av. Libertador San Martín Oeste 1109, J5400ARL -
San Juan - Argentina
Tel.: +54 264 4226444

Registration: Via email to sarasua@iee.unsj.edu.ar
(Attn. Dr. Ing. Antonio Sarasua).

All attendees must register for the Workshop before October 5. Please note that the space for the event is limited and that individuals are registered on a first-come-first-served basis.

Certificates of attendance will be provided via email upon request, following the workshop (No certificate will be issued during the realization of the event).



Ministerio de Educación
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DRAFT PROGRAM

MONDAY, OCTOBER 7

- 08:00 - 09:00 hs Registration
- 09:00 - 10:00 hs Opening and Welcome
- 10:00 - 11:00 hs Power Electronics and Control for PV-Systems - Introduction and Industrial Perspective
Prof. Dr.-Ing. Mike Meinhardt
SMA Solar Technology AG, Niestetal, Germany
- 11:00 - 11:30 hs Coffee Break
- 11:30 - 13:00 hs Continuation: Power Electronics and Control for PV-Systems - Introduction and Industrial Perspective
Prof. Dr.-Ing. Mike Meinhardt
SMA Solar Technology AG, Niestetal, Germany
- 13:00 - 15:00 hs Lunch Break
- 15:00 - 16:30 hs Power Semiconductors in Energy Efficient Smart-Grid Installations
Dr.-Ing. Martin Schulz
Infineon Technologies AG, Warstein, Germany
- 16:30 - 17:00 hs Coffee Break
- 17:00 - 19:00 hs Continuation: Power Semiconductors in Energy Efficient Smart-Grid Installations
Dr.-Ing. Martin Schulz
Infineon Technologies AG, Warstein, Germany





TUESDAY, OCTOBER 8

- 09:00 - 11:00 hs Electricity Spot-Prices and Production Data in Germany
Dipl.-Phys. oec. Johannes Mayer
Fraunhofer-Institut für Solare Energiesysteme (ISE), Freiburg, Germany
- 11:00 - 11:30 hs Coffee Break
- 11:30 - 13:00 hs How to Start Up a Lab in the Field of Power Electronics and Electrical Drives
Dipl.-Ing. Simon Feuersänger
Universität Siegen, Siegen, Germany
- 13:00 - 15:00 hs Lunch Break
- 15:00 - 15:45 hs Short-Term Economic Dispatch of Smart Distribution Grids Considering Aggregators of Plug-In Electric Vehicles
Ing. Patricio Alejandro Benalcázar Páez
Universidad Nacional de San Juan, San Juan, Argentina
- 15:45 - 16:30 hs Smart Distribution Networks Operation State Estimation and Forecast
Ing. Roger Martínez
Universidad Nacional de San Juan, San Juan, Argentina
- 16:30 - 17:00 hs Coffee Break
- 17:00 - 17:45 hs Planning the Future Power Systems
Ing. Pablo Wiernes
Universidad Nacional de San Juan, San Juan, Argentina
- 17:45 - 19:00 hs Converter Technologies for Wind Generating Systems
Dr. Ing. Oscar García
Universidad Nacional de Río Cuarto, Río Cuarto, Córdoba, Argentina





WEDNESDAY, OCTOBER 9

- 09:00 - 11:00 hs Development of the Solar Plan “San Juan” by the Government of San Juan
Dr. Ing. Victor Doña
State Energy Society Company (EPSE), San Juan, Argentina
- 11:00 - 11:30 hs Coffee Break
- 11:30 - 12:15 hs Benefits of Demand Response in Electrical Markets and Distribution Systems
Ing. Juan Pablo Palacios
Universidad Nacional de San Juan, San Juan, Argentina
- 12:15 - 13:00 hs Development of Low-Cost Generators Based on BiTe Thermoelectric Modules
Dr. Ing. Luis Juanicó
Comisión Nacional de Energía Atómica (CNEA), CONICET, San Juan, Argentina
- 13:00 - 13:30 hs Closing and farewell

Simultaneous Event:

Poster Sessions for discussion with the attendees of major research projects developed by the Instituto de Energía Eléctrica.



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