

UPC-UIB Doctorate Program in Electronic Engineering

Doctoral Training Seminars:

Research Projects in Electronics at UPC

Track - Industrial and Power Electronics

**Thursday March 27th, 2014
Sala de Conferències ETSEIAT,
Building TR5
Campus Terrassa UPC**

Agenda:

- ▶ 16:00. "Improvement of driver to gate coupling circuits for SiC MOSFETS", by Prof. Josep Balcells
- ▶ 16:30. "Energy Management for Grid-PV-Diesel Hybrid Systems", by Prof. Guillermo Velasco / Francesc Guinjoan
- ▶ 17:00. "Intelligent Energy Management Systems in Industrial Plants", by Prof. Jose Luis Romeral
- ▶ 17:30. "Modeling and Nonlinear Control of Three-phase Voltage-Sourced Converters", by Prof. Jose Luis García de Vicuña
- ▶ 18:00. Coffee Break
- ▶ 18:15. "Hybrid Modulators for conducted EMI suppression in modular-parallel topology", by Prof. David González
- ▶ 18:45. "Research samples by the Research Group in Power Electronics (GREP)", by Prof. Josep Bordonau
- ▶ 19:15. "Intelligent Monitoring Systems for Plant Condition Monitoring and Predictive Maintenance", by Prof. Juan Antonio Ortega
- ▶ 19:45 Closing

