



Workshop Porto v1.0 - 06<sup>th</sup> and 07<sup>th</sup> April 2016

Polytechnic of Porto - School of Engineering (ISEP) - GECAD (Research Group on Intelligent Engineering and Computing for Advanced Innovation and Development)

## Simulation of consumers and markets towards real time demand response

Detailed agenda

APRIL  
6

- 09:00 - 09:15 | Participant Reception**
- 09:15 - 09:30 | Welcome and Opening Session**
- 09:30 - 10:30 | Follow up of the DREAM-GO project**
- 10:30 - 10:45 | Coffee Break**
- 10:45 - 13:00 | DREAM-GO Review: preparation planing**
- 13:00 - 14:30 | Lunch**
- 14:30 - 16:30 | Advantages of using RTLS to enable efficient power consumption, Oscar García, Nebusens**  
**Intelligent Lighting Control, Juan Paz, University of Salamanca**  
**Consumption Monitoring and Demand Response, Nikolaus Starzacher, Discovery**  
**The path towards effective short and real-time demand response, Zita Vale and Pedro Faria, GECAD - Polytechnic of Porto**
- 16:30 - 17:00 | Break and Networking**
- 17:00 - 18:00 | Wrap up and plenary discussion**
- 18:00 - 19:00 | DREAM-GO Coordination Committee Meeting: Next Steps**
- 19:30 | Networking and Dinner**

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APRIL  
7

- 09:00 - 09:45 | Welcome breakfast
- 09:45 - 10:00 | Welcome word from GECAD
- 10:00 - 10:15 | Welcome word from OPAL-RT
- 10:15 - 10:45 | Presentation of OPAL-RT Technologies: key concepts of real-time simulation, Hardware-In-the-Loop (HIL) and Rapid Control Prototyping, Yoann Mongenot, OPAL-RT Technologies
- 10:45 - 11:15 | Real-time simulators Software and Hardware architectures, Arturo Baeza, OPAL-RT Technologies
- 11:15 - 11:30 | Coffee Break
- 11:30 - 12:25 | Presentation of the GECAD Laboratory, the research activities and the use of OPAL-RT products, Zita Vale and Pedro Faria, GECAD - Polytechnic of Porto
- 12:25 - 13:40 | Lunch, demos, open discussions and meetings
- 13:40 - 15:30 | Visit of the Lab

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