



“SMART GRIDS AND SMART CITIES” INTERNATIONAL SUMMER SCHOOL 6-8 June 2017 - Barcelona

DAY 1: SMART GRIDS

TABLE 1: TECHNOLOGICAL CHALLENGES RELATED WITH SMART GRIDS DEVELOPMENT

Chair: Pol Olivella, Centre d'Innovació Tecnològica en Convertidors Estàtics i Accionaments - Universitat Politècnica de Catalunya (CITCEA-UPC).



Pol Olivella-Rosell received the industrial engineering M.S. degree and Energy Engineering M.S. degree from Universitat Politècnica de Catalunya UPC (Technical University of Catalonia), Barcelona, Spain, in 2013 and 2015 respectively, where he is currently pursuing the Ph.D. degree in electrical engineering.

He worked one year in Smart Innovation Østfold, in Norway, as a researcher in EMPOWER H2020 Project, and 6 years as Engineer in the Centre d'Innovació Tecnològica en Convertidors Estàtics i Accionaments, (CITCEA-UPC) where he is currently developing his research activities.

His research interests include local electricity markets, smart grids, electric vehicles and renewable energy.

He worked in projects like:

- EMPOWER H2020 Project www.empowerh2020.eu
- INVADE H2020 Project www.invadeh2020.eu
- Technical analysis of smart grid implementation by Chile government.