



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

### DAY 1: SMART GRIDS

#### TABLE 2: REGULATORY CHALLENGES AND BUSINESS OPPORTUNITIES ASSOCIATED WITH THE DIGITIZATION PROCESS, DEMAND SIDE RESPONSE (DSR) AND RES INTEGRATION

**Let's make the most of flexible from small consumers – Demand Response Aggregators. Gerard del Rosario, Catalonia Institute for Energy Research (IREC).**



Gerard Del-Rosario-Calaf received the M. S. degree in Engineering from the School of Engineering of Barcelona (ETSEIB), Technical University of Catalonia (UPC) in 2008. He is currently PhD student in Electrical Engineering from the UPC. The topic of the PhD thesis is distribution network operation and DERs aggregation. Since November 2010, he works as a Project Engineer at the Energy Efficiency: Systems, Buildings and Communities (ECOS) area of the Catalonia Institute for Energy Research (IREC). He has experience in power systems simulation and experimentation at lab-scale level, as well as energy system analytics and economics. He has participated in European/Spanish competitive projects in the fields of Smart Grids, Renewable Energies and Electrical Mobility, including Green eMotion and IDE4L FP7 Projects, SABINA H2020 Project. He has also contributed in industrial projects for utilities, research institutions and power equipment manufacturers.