



**João P. S. Catalão** received the M.Sc. degree from the Instituto Superior Técnico (IST), Lisbon, Portugal, in 2003, and the Ph.D. degree and Habilitation for Full Professor ("Agregação") from the University of Beira Interior (UBI), Covilha, Portugal, in 2007 and 2013, respectively.

He is currently a Professor at UBI, Director of the Sustainable Energy Systems Lab and Researcher at INESC-ID. He is a Senior Member of IEEE. He is the Primary Coordinator of the EU-funded FP7 project SiNGULAR ("Smart and Sustainable Insular Electricity Grids Under Large-Scale Renewable Integration"), a 5.2 million euro project involving 11 industry partners. He has published more than 95 journal papers, 175 conference proceedings papers and 12 book chapters, with an *h*-index of 21 (according to Google Scholar), having supervised more than 25 post-docs, Ph.D. and M.Sc. students. He received the 2011 Scientific Merit Award UBI-FE/Santander Universities and the 2012 Scientific Award UTL/Santander Totta. His research interests include power system operations and planning, hydro and thermal scheduling, wind and price forecasting, distributed renewable generation, demand response and smart grids.

Prof. Catalão is Editor of IEEE TRANSACTIONS ON SMART GRID, Editor of IEEE TRANSACTIONS ON SUSTAINABLE ENERGY and Associate Editor of *IET Renewable Power Generation*. He was Guest Editor-in-Chief for the Special Section on "Real-Time Demand Response" of IEEE TRANSACTIONS ON SMART GRID, published in December 2012, and he is currently Guest Editor-in-Chief for the Special Section on "Reserve and Flexibility for Handling Variability and Uncertainty of Renewable Generation" of IEEE TRANSACTIONS ON SUSTAINABLE ENERGY. Also, he was the Editor of the book entitled "Electric Power Systems: Advanced Forecasting Techniques and Optimal Generation Scheduling", published by *CRC Press* in March 2012 and translated into Chinese in January 2014. He is currently editing another book for *CRC Press* entitled "Smart and Sustainable Power Systems: Operations, Planning and Economics of Insular Electricity Grids", forthcoming in 2015.