

Josep M. Guerrero
Professor



Josep M. Guerrero (S'01-M'04-SM'08-FM'15) received the BS degree in telecommunications engineering, the MS degree in electronics engineering, and the PhD degree in power electronics from the Technical University of Catalonia, Barcelona, in 1997, 2000 and 2003, respectively. Since 2011, he has been a full professor with the Department of Energy Technology, Aalborg University, Denmark, where he is responsible for the Microgrid Research Program. From 2012 he is a guest professor at the Chinese Academy of Science and the Nanjing University of Aeronautics and

Astronautics; from 2014 he is chair professor at Shandong University; and from 2015 he is a distinguished guest professor at Hunan University. His research interests are oriented to different microgrid aspects, including power electronics, distributed energy-storage systems, hierarchical and cooperative control, energy management systems, and optimization of microgrids and islanded minigrids. Professor Guerrero is an associate editor for the *IEEE Transactions on Power Electronics*, the *IEEE Transactions on Industrial Electronics*, and the *IEEE Industrial Electronics Magazine*; and an editor for *IEEE Transactions on Smart Grid* and *IEEE Transactions on Energy Conversion*. He has been guest editor of the *IEEE Transactions on Power Electronics* special issues *Power Electronics for Wind Energy Conversion* and *Power Electronics for Microgrids*; the *IEEE Transactions on Industrial Electronics* special sections *Uninterruptible Power Supplies Systems*, *Renewable Energy Systems*, *Distributed Generation and Microgrids*, and *Industrial Applications and Implementation Issues of the Kalman Filter*; and the *IEEE Transactions on Smart Grid* special issue on *Smart DC Distribution Systems*. He was the chair of the *Renewable Energy Systems Technical Committee* of the *IEEE Industrial Electronics Society*. In 2014 he was awarded by Thomson Reuters as *Highly Cited Researcher*, and in 2015 he was elevated as *IEEE Fellow* for his contributions on "distributed power systems and microgrids."