



## New Technologies for Smart Distribution Grid

Guest Editors:

**Dr. Mario Mañana**

Department of Electrical and  
Energy Engineering, University of  
Cantabria, Avda. Los Castros s/n,  
39005, Santander, Spain

mananam@unican.es

**Dr. Ahmed F. Zobaa**

Electronic and Electrical  
Engineering, College of  
Engineering, Design and Physical  
Sciences, Brunel University  
London, London, UK

azobaa@ieee.org

**Dr. Alfredo Vaccaro**

Department of Engineering,  
University of Sannio, Piazza  
Roma 21, 82100 Benevento, Italy

vaccaro@unisannio.it

Deadline for manuscript  
submissions:

**closed (15 September 2020)**

### Message from the Guest Editors

The main aim of this Special Issue is to seek top-quality contributions that underline emerging applications and address recent breakthroughs in all aspects of “New Technologies for Smart Grids”. Potential topics include but are not limited to the following:

- EV charging technologies.
- Distributed generation.
- Protection and fault detection.
- Power quality issues.
- Metering.
- Blockchain.
- Cyber security.
- Maintenance.
- New IT and communications technologies in smart grids.
- AI techniques applied to distribution networks.
- Smart appliances and electronic power conditioning devices.
- Technology for self-healing and resilience networks.
- Pilots, POC and demonstrations of applications of digital processing and communications to distribution networks.

Welcome to contribute!

