

Special Issue

Sensing and Measurement for Advanced Power Grids

Message from the Guest Editors

are inviting experts to contribute to this Special Issue by submitting papers dealing with, but not limited to, the following research areas and their applications in sensing and measurement for advanced power grids:

- Advanced current/voltage sensors for measurements and protection purposes, including low power instrument transformers (LPIT) with analog or digital output, and their characterization in actual operating conditions;
- Power/energy measurement algorithms/methods and evaluation of uncertainty of the whole measurement chain (transducer, analog-to-digital conversion, digital signal processing) using digital instrumentation;
- Power quality and synchrophasor measurements for grids with high penetration of power electronics;
- Real-time grid state monitoring by using merging units or stand-alone merging units.

Guest Editors

Prof. Dr. Carmine Landi

Department of Engineering, University of Campania "Luigi Vanvitelli",
81031 Aversa (CE), Italy

Dr. Mario Luiso

Department of Engineering, University of Campania "Luigi Vanvitelli",
81031 Aversa, Italy

Deadline for manuscript submissions

closed (31 January 2023)



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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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