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Advanced Sensors for Digital Power Grids and Energy Internet

Guest Editor:

Prof. Dr. Jun Hu

Department of Electrical
Engineering, Tsinghua University,
Beijing 100084, China

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Message from the Guest Editor

There is an increasing awareness that Energy Internet, which can increase new energy consumption and improve energy efficiency, is a key solution to achieve carbon neutral target and tackling climate change. In future, digital power grids will be the foundation of Energy Internet. Advanced sensors to acquire necessary information from different kinds of electric equipment, new energy equipment and power grids are urgently needed.

In this framework, we are glad to edit the Special Issue on “Advanced Sensors for Digital Power Grids and Energy Internet”. It is dedicated to present advanced sensing technologies for developing smart electric equipment, smart new energy equipment and digital power grids. Studies about various sensors with novel sensing principles and elements are welcome, such as different kinds of electrical sensor, optical sensor or MEMS sensor. This issue is also open to original contributions on developing integrated sensor chips, smart sensing systems and wireless sensing networks. Contributions on sensor data platforms and models are encouraged, as well as sensor data handling and analysis with traditional or artificial intelligence methods.



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Special Issue



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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

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Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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