



Impedance Spectroscopy and Its Application in Measurement and Sensor Technology

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Message from the Guest Editors

Dear Colleagues,

Impedance spectroscopy is a key enabling measurement method for a range of related applications that exploit the measurement of the complex impedance of a material or a material system to characterize it or its change in dependence of time or of a certain measurement quantity within it or its environment.

This Special Issue aims at putting together recent advancements in fundamentals, understanding, and applying impedance spectroscopy. It aims to outline some future scientific challenges in the field of impedance spectroscopy. Contributions from all fields of impedance spectroscopy, either experimental or theoretical studies, as well as potential technical implementations, are welcome. We welcome contributions in the fields of:

- Material testing and characterization;
- Corrosion and coatings;
- Sensors, biosensors, and electrochemical sensors;
- Energy storage, batteries, and capacitors;
- Bio- and medical applications;
- Food and nutrition.

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Special Issue