



13th International Workshop on Impedance Spectroscopy

December 2 – 4 , 2020, Chemnitz – Germany



Call for Papers

Organized by

Chemnitz University of Technology, IEEE I&M Chapter, Germany

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Aims & Scope

Impedance Spectroscopy (IS) is used in many applications fields such as electro chemistry, material science, biology and medicine, semiconductor industry and sensors. In spite of the different applications, the methodological procedure remains similar in many aspects. The International Workshop on Impedance Spectroscopy (IWIS) has the aim to serve as a forum for specialists to exchange knowledge about methods and applications of IS.

The workshop includes keynote lectures as well as tutorials and oral and poster sessions. It begins with an international advanced school on impedance spectroscopy (ASIS) including tutorials given by renowned scientists and workshops including fundamentals and applications. An exhibition shows interesting products of important manufacturers in the field.

All papers will be peer reviewed on the basis of the submitted abstracts and acceptance will be based on quality, originality and relevance. The Circle of Experts in Impedance Spectroscopy (CEIS) will provide a "Best Paper Award" and a "Best Poster Award" for outstanding contributions. Participants will have the opportunity to publish a paper in a peer reviewed book or in special issues of international journals.

Topics

The international Workshop on Impedance Spectroscopy IWIS 2020 addresses topics related (but not limited) to the following list:

- Fundamentals of Impedance Spectroscopy
- Energy Storage, Batteries and Fuel Cells
- Biomedical and Biological Applications
- Material Testing, Corrosion and Coatings
- Inductive, Capacitive and Resistive Sensors
- Solid State Systems
- Nano Electrochemistry
- Spectral Induced Polarisation in Geosciences
- Dielectric Materials and Nanocomposites
- Local Electrochemical Impedance Spectroscopy
- Signal Processing and Modelling
- Instrumentation and Data Acquisition
- Data Processing and Consistency
- Electrochemical Mechanisms and Systems

Venue

Due to the Corona virus, the International Workshop on Impedance Spectroscopy 2020 will be exclusively digital. Further details are shortly announced in <http://www.tu-chemnitz.de/iwis>

Abstract Submission

Abstracts submitted to IWIS 2020 should be written in English, in IEEE 2-Column Conference format and limited to **two pages** including state-of-the-art, main idea of the contribution, reached results and practical application. Abstracts should be submitted via website, or alternatively to the contact email.

Important Deadlines

November 2, 2020: Submissions of abstracts
November 12, 2020: Notification of acceptance
November 19, 2020: Registration

NEW

Contact

Email: iwis@tu-chemnitz.de

URL: <http://www.tu-chemnitz.de/iwis>