

# 12<sup>th</sup> International Workshop on Impedance Spectroscopy

September 24 – 27, 2019, 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 12<sup>th</sup> international Workshop on Impedance Spectroscopy 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

Chemnitz, more than 800 years old, is situated in the heart of Saxony and is designated as "City of Modernity". Developed at the time of Classical Modernism, it became the "Manchester of Saxony", giving impetus to the development of business and science. The influences of the cultural and architectural modernism are visible, so that Chemnitz is today city with many interesting facets. Fascinating architecture reflects the changing times and spirit of those things which have shaped the city: Retrofitted Gründerzeit residential quarters such as Kassberg, Villa Esche or the city center, constructed by Helmut Jahn, Hans Kollhoff and Christoph Ingenhoven, bridge the gap from yesterday to today and tomorrow.

## Abstract Submission

Abstracts submitted to IWIS 2019 should be written in English and limited to **two pages** including state-of-the-art, main idea of the contribution, reached results and practical application. Abstracts should be submitted to: [iwis@tu-chemnitz.de](mailto:iwis@tu-chemnitz.de)

## Important Deadlines

**July 5, 2019:** Submissions of abstracts  
**August 24, 2019:** Submission of final abstracts

**July 16, 2019:** Notifications of acceptance  
**October 30, 2019:** Post conference papers

### Publication Chair

A. Y. Kallel (DE)

## Contact

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