



18th International Workshop on Impedance Spectroscopy

September 23 – September 26, 2025, Chemnitz – Germany



Call for Papers

Important Dates

May 1, 2025:

Submission Open

June 1, 2025:

Submission deadline

June 15, 2025:

Notification to Authors
(Accept/reject/revise)

July 1, 2025:

Final submission (after
revision)

May 1, 2025:

Registration start

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P. Arpaia (IT)

Honorary Chairs

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Impedance spectroscopy (IS) is used in many fields, e. g., in electrochemistry, material sciences, biology and medicine, the semiconductor industry and sensor technology. Despite the different applications, the methodological approach remains similar in many aspects. The International Workshop on Impedance Spectroscopy (IWIS) is intended to serve as a forum for experts to exchange knowledge on methods and applications of IS.

The workshop will include Keynote lectures and tutorials by renowned scientists, Oral and poster sessions for participants to present their work, an exhibition showcasing products from industry manufacturers, peer-reviewed paper submissions presented as a poster or as an oral presentation, oral presentation sessions featuring accepted research papers on impedance spectroscopy, providing an opportunity for authors to share their findings with and receive valuable feedback from a knowledgeable audience of IS experts and fellow researchers, "Best Paper" and "Best Poster" awards presented by the Circle of Experts in Impedance Spectroscopy (CEIS), and Opportunities for publication in a peer-reviewed book or special issues of international journals

Topics

The international Workshop on Impedance Spectroscopy IWIS 2025 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



Technische Universität Chemnitz

Central Lecture Hall,
Reichenhainer Str. 90, 09126 Chemnitz

Submission

Conference papers submitted to IWIS 2025 should be written in English, follow the IEEE 2-Column Conference format, and be limited to **6 pages**. They should include the state of the art, the main idea of the paper, the results achieved, and the practical application.

In addition, we offer the option to submit a **maximum of 2-page** abstract for presenting the latest results, including those from recently accepted journal articles. These abstracts will not be published in IEEEExplore but will provide an opportunity to share the most current findings with the IWIS audience.

Submissions should be made via the website or alternatively via the contact email.

Contact

Email: iwis@tu-chemnitz.de

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