



17th International Workshop on Impedance Spectroscopy

September 24 – September 27, 2024, Chemnitz – Germany



Call for Papers

Important Dates

June 01, 2024:

Submission Open

July 01, 2024:

Submission deadline

August 01, 2024:

Notification to Authors
(Accept/reject/revise)

July 15, 2024:

Registration start

August 07, 2024:

Final decision for papers in
revision

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Introduction

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 both keynote lectures and tutorials as well as oral and poster sessions. It starts with an international advanced school on impedance spectroscopy (ASIS), which includes tutorials by renowned scientists and workshops on fundamentals and applications. An exhibition shows interesting products of important manufacturers from the industry.

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

Topics

The international Workshop on Impedance Spectroscopy IWIS 2024 addresses topics related (but not limited) to the following list:

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

Venue



Technische Universität Chemnitz

Central Lecture Hall,
Reichenhainer Str. 90, 09126 Chemnitz

Submission

Conference papers submitted to IWIS 2024 should be written in English, follow the IEEE 2-Column Conference format, and be limited to **6 pages**, including the state of the art, the main idea of the paper, the results achieved, and the practical application. 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>