20th International Workshop on Impedance Spectroscopy

September 28 – October 1, 2027, Chemnitz – Germany



Call for Papers

Important Dates

June 2, 2027:
Submission Open
June 2, 2027:
Registration start (Early Bird)
July 15, 2027:
Submission deadline
July 27, 2027:
Notification to Authors (Accept/reject/revise)
August 13, 2027:
Camera-ready submission (after revision)

General Chairs

O. Kanoun (DE)
N. Fourati (FR)

Honorary Chairs

H.-R. Tränkler (DE)
J. Himmel (DE)
M. Min (EE)

Publicity Chair

C. KESKİNOĞLU (TR)

Program Committee

P. Arpaia (IT), J. Bisquert (ES), R. Bragos (ES), M. Carminati (IT), F. Ciucci (DE), P. Ctibor (CZ), M. Danzer (DE), A. Errachid (FR), N. Fourati (FR), R. Gruden (DE), Ch. Hübner (DE), T. Keutel (DE), A. S. G. Khalil (EG/DE), A. Lasia (CA), S. Leonhardt (DE), J. Linnemann (DE), Ø. G. Martinsen (NO), M. Bulst(DE), M. Min (EE), M. Nawito (DE), L. Paterno (BR),O.Märtens (ES) , U. F. Pliquett (DE), P. Ramos (PT), B. Roling (DE), M. Simic (RS), W. Strunz (DE), T. Vidakovic-Koch (DE), M. Vidotti (BR), D. Vladikova (BG), N. Wagner (DE), K. Weise (DE), W. Yang (UK)

Organizing Committee

A.Y. Kallel (DE),M.Jemal (DE), H.Cherif (DE), A.Trabelsi(DE), T. Keutel (DE), F.Viehweger(DE), K. Schütze (DE), N.Spicher(DK), J.Haase(DE), B. Ülgüt (TR)

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

The workshop features 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. "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 2027 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
Weinholdbau, TU Chemnitz, Reichenhainer Straße 70,
09126 Chemnitz, Germany

Submission

IWIS 2027 offers two separate submission paths:

Path 1: Full Paper
Length: up to 6 pages
Format: IEEE 2-Column Conference
Language: English
Required content: State of the art/Main idea/Contribution/Results achieved/Practical application
Publications: Will be published in IEEEXplore[1]

Path 2: Abstract[2]
Length: up to 2 pages
Format: IEEE 2-Column Conference
Language: English
Purpose: Present latest results, including those from recently accepted journal articles
Publication: Will **NOT** be published in IEEEXplore

1: Subject to meeting IEEEXplore requirements
2: Path 2 is ideal for presenting results already published, allowing discussion without IEEExplore publication

Contact

Email: iwis@tu-chemnitz.de
URL: http://www.tu-chemnitz.de/iwis