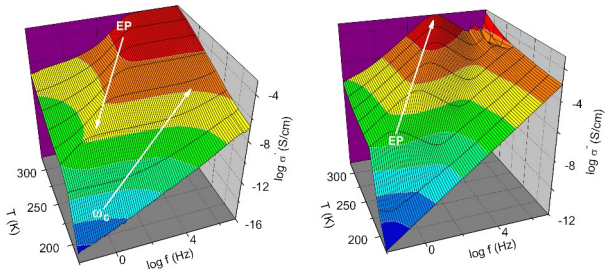



# Seminar and Training Course on Broadband Dielectric and Electrochemical Impedance Spectroscopy

## March 17-19, 2026
## Novocontrol Technologies
## Montabaur, Germany

**Including**

- Basics of Ion and Electron Transport in Solids
- Ion Transport in Nanostructured Materials: Bulk and Interfacial Processes
- Dynamics in Geometrically Confined Systems
- Electrode Polarisation and Electrochemical Double Layer Formation
- Characterisation of Processes in Modern Electrochemical Cells (Batteries, Supercapacitors, Fuel Cells)
- Latest Developments in Instrumentation
- Hands-on Measurements

## Preliminary Schedule

| Time | Lecturer | Topic |
|---|---|---|
| **Tuesday, March 17, 2026** | | |
| 12.30 – 13.30 | | Informal lunch and Welcome Coffee |
| 13.30 – 13.45 | B. Roling, F. Kremer | Introduction, Organisational Issues |
| 13.45 – 15.45 | B. Roling | Basic Introduction to Broadband Dielectric and Impedance Spectroscopy (for participants with little or no experience) |
| 13.45 – 15.45 | F. Kremer | Introduction to Broadband Dielectric Spectroscopy (for participants with more experience) |
| 15.45 – 16.15 | | Coffee Break |
| 16.15 – 18.00 | | Hands-on Experience and Discussions: Participants perform and evaluate their own experiments, if possible on their own samples. |
| 19:00 | | Dinner |
| **Wednesday, March 18, 2026** | | |
| 8.30 – 10.00 | | Hands-on Experience and Discussions |
| 10.00 – 11.00 | F. Kremer | Glassy Dynamics in Low-Molecular Weight and Polymeric Systems |
| 11.00 – 12.30 | | Hands-on experience and Discussions |
| 12.30 – 13.30 | | Informal Lunch |
| 13.30 – 14.30 | B. Roling | Materials Characterisation: Analysis of Charge Transport and Electrochemical Processes |
| 14:30 – 15.30 | | Hands-on Experience and Discussions |
| 15.30 – 16.00 | | Coffee Break |
| 16.00 – 17.00 | | Hands-on Experience and Discussions |
| 17.00 – 18.00 | | Open Discussion |
| 19.00 | | Dinner |
| **Thursday, March 19, 2026** | | |
| 8.30 – 10.00 | | Hands-on Experience and Discussions |
| 10.00 – 11.00 | D. Wilmer | New Developments in Instrumentation |
| 11.00 – 12.30 | | Hands-on Experience and Discussions |
| 12.30 – 12.45 | B. Roling, F. Kremer | Closing Remarks |
| 12.45 | | Informal Lunch and Farewell |

## Organization

**Travelling to Montabaur**

- By air via Frankfurt/Main (FRA) or via Cologne/Bonn (CGN) (85 km away)
- By train to Montabaur ICE (high-speed train) station.
- By car to Novocontrol Technologies (Aubachstr. 1, 56410 Montabaur).

**Accommodation**

Attendants will have to book a hotel according to their convenience by themselves. Three lunches, coffee breaks and two dinners are included in the registration fee.

**Venue**

The course will take place in the premises of Novocontrol Technologies in Montabaur/Germany. The Montabaur train station is within walking distance (600 m). Various hotels are nearby (800 m to 1300 m). Taxi transfers can be arranged if required.

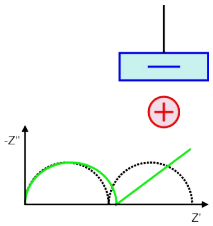
**Net Fees**

1.900,00 € for industrial attendants

900,00 € for academic attendants

**Registration (deadline: February 20, 2026)**

Please register using the registration form. We also kindly ask you to fill our questionnaire for attendees and submit the filled form to the address given.

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