Training Course and Seminar on Broadband Dielectric and Impedance Spectroscopy and Its Applications

Technologies

Montabaur, Germany, October 11-13, 2023

Questionnaire for Attendees

The Workshop organizers intend to prepare the seminar content (lectures, discussions, hands-on experiments) such that the interests and knowledge levels of attendees are adequately reflected. Please support us by supplying some information about your current knowledge level, scientific/technological interests with respect to broadband dielectric/impedance spectroscopy, and the areas that your are most interested in.

Name (please print):	
Organisation:	
Email address	
Current knowledge in the field	(e.g., absolute beginner, 20 years of experience)
Typical samples to be characterized: (<i>please cf. the questions</i> <i>on the following pages</i>)	e.g., ceramics, polymers, thin films, liquids, also mention particular conditions (T, p, humidity, etc.)
Particular interests:	

Date and signature

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Essential information about samples:

- How many samples do you plan to bring?
- Do you expect that your sample material is primarily an (i) electrical insulator or primarily an (ii) electrical conductor?
- In what form do you bring your sample (e.g. as liquid, as a film, as a powder, as a pellet)?
- In what temperature range do you intend to carry out the measurement?
- Are the samples sensitive to humidity and/or oxygen? If yes, can you bring the samples in airtight sample cells?
- Are there metal electrodes or other electrodes on the faces of the samples? If no, should we provide conductive paint or conductive polymer electrodes?

If possible, please provide this <u>additional information</u>:

• What are the dimensions of your sample and which sample capacitance (case (i), insulating samples) or sample resistance (case (ii), conductive samples) do you expect?

• If you already have any prior knowledge on the (expected) temperature dependence of the electrical/dielectric sample properties you are interested in, please provide details.