9th Laboratory Course on Dielectric Relaxation

May 27 - May 31 (2019), Donostia-San Sebastián (Spain)

May 27th Monday

9:00 Opening

9:30 Lecture 1: Fundamentals of electrostatics and dielectric materials (S. Cerveny)

11:00 Coffee break

11:30 Lecture 2: Polarization and dielectric permittivity (A. Alegría)

13:00 Lunch

14:30 Lecture 3: Dielectric relaxation (D. Cangialosi)

16:00 Break

16:30 Lecture 4: Phenomenological models of dielectric relaxation (G.A. Schwartz)

May 28th Tuesday

9:30 Lecture 5: Experimental methods (S. Arrese-Igor)

11:00 Coffee break

11:30 Laboratory session 0. Introduction

13:00 Lunch

14:30 Laboratory session 1. Preparing a first experiment

16:00 Break

16:30 Lecture 6: Sample preparation procedures (S. Cerveny)

May 29th Wednesday

9:30 Lecture 7: Introduction to frequency domain data analysis (G.A. Schwartz)

11:00 Coffee break

11:30 Lecture 8: Introduction to time domain and TSDC data analysis (S. Arrese-Igor)

13:00 Lunch

14:30 Laboratory session 2. Preparing a second experiment

16:00 Free time.

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May 30th Thrusday

9:30 Analysis of experimental data 1

11:00 Coffee break

11:30 Laboratory session 3. Preparing a third experiment

13:00 Lunch

14:30 Analysis of experimental data 2

16:00 Break

16:30 Tutorial: "Dielectric spectroscopy and its relation to other experimental techniques".

by: Dr. Catalin Gainaru. Technische Universität Dortmund (Germany)

May 31st Friday

9:30 Analysis of experimental data 3

11:00 Coffee break

11:30 Lecture 9: Summary on data analysis and interpretation (A. Alegría)

13:00 Closing

13:30 Farewell Lunch