



14th European Symposium on
Thermal Analysis and Calorimetry
September 15–18, 2026 • Split • Croatia

ESTAC14 Pre-Conference Sponsor Workshops

Tuesday, 15 September 2026

Faculty of Chemistry and Technology, R. Boškovića 35, Split, Croatia

General Information

Participation is **free of charge** for all registered ESTAC14 participants.

Registration (Google Form): <https://forms.gle/WzXNRVisabdX2Uvg6>

Workshop rooms: To be announced.

NETZSCH | ALTIUM Workshop

Workshop on Rotational and Oscillatory Rheometry

Time: **09:00–16:00**

Lecturer(s): **Torsten Remmler**

Maximum participants: **25**

- 09:00–12:00: **Rotational rheometry** – viscosity, measuring geometries, thixotropy, yield stress and common measurement errors.
- 13:00–16:00: **Oscillatory rheometry** – viscoelasticity, amplitude, frequency and temperature sweeps, curing and crosslinking.
- Hands-on measurements of participants' samples where feasible.

HITACHI | AstrinexLab Workshop

Workshop on DMA Technique: Mechanical Characterization of Polymer Films in Tension Geometry and Liquid Immersion

Time: **10:00–13:00**

Lecturer(s): **Daniel Roedolf, Mirna Mandarić**

Maximum participants: **10**

This workshop introduces the principles and practical application of the HITACHI Dynamic Mechanical Analysis (DMA) technique for the mechanical characterization of polymer films. The session demonstrates measurements performed in tension geometry as well as the capability to analyze samples under liquid immersion.

A live demonstration using real polymer film samples covers sample preparation, instrument setup, measurement procedures, and basic data interpretation, providing participants with practical insight into the technique and its applications.



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METTLER TOLEDO

Advanced Thermal Analysis & STAR Software

Time: **09:00–15:00**

Lecturer(s): **Keith Racman, Laurent Zoppi**

Maximum participants: **25**

- 09:00–11:00: **TGA/DSC3+** – Presentation of measuring principle
- 13:00–15:00: **DSC5+** – Presentation of instrument

ANTON PAAR CROATIA

Explore the World of Thermal Analysis with Julia DSC

Time: **13:00–15:00**

Lecturer(s): **Martin Pfeiler Deutschmann**

Maximum participants: **25**

- Julia DSC 300 introduction.
- Instrument, accessories and Julia Suite software.
- Data processing, interpretation and practical examples.
- Julia DSC – Speed Meets Precision.

SUPERLAB | PERKINELMER Workshop

Workshop on Polymer Analysis – Pyris STA9

Time: **13:00–16:00**

Lecturer: **Marc-Krystelle Mafina**

Maximum participants: **10 (per slot)**

- 13:00–13:45: **Slot 1**
- 14:00–14:45: **Slot 2**
- 15:00–15:45: **Slot 3**

Overview of STA as a technique, how the STA9 is different to the previous models.

Running various polymer samples and working through the Pyris V14.5 software workflow of method development and data post-processing



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LINSEIS | Calorimetry Workshop

Time: **09:00–13:00**

Lecturer(s): **Michael Gerlach**

Maximum participants: **25**

- 09:00–10:45: **Special investigations on DSC** – New ideas and opportunities on combined analysis

This session gives insights in various common but also rare investigations with DSC like oxidation induction time, temperature modulated measurements, UV-curing or combined investigations with Raman spectroscopy.

- 11:00–12:45: **Thermal Analysis of Batteries** – Techniques and instrumentation with a focus on Calorimetry

This session provides an overview about battery research and industry applications from our laboratory. A special focus is placed on calorimetric studies using our new isothermal battery calorimeter (IBC) to investigate complete cells and battery packs in various controlled environments.

RIGAKU Workshop

Chromatic Thermal Analysis (ChromTA TM) with Sample Observation Capabilities

Workshop on analysis of samples using STAvesta with visualization supported by Chrom TA

Time: **11:00–14:00**

Lecturers: **Tadashi Arii, Magdalena Grzywa**

Maximum participants: **5 (per slot)**

- 11:15–12:00: **Slot 1**
- 12:15–13:00: **Slot 2**
- 13:15–14:00: **Slot 3**

This workshop demonstrates the powerful combination of Rigaku's sample observation capabilities with Chrom TA and STAvesta for the detailed characterization of different materials. Participants will learn how simultaneous thermal analysis (STA, TG-DSC) coupled with Chrom TA enables a deeper understanding of material behavior, composition, thermal stability and much more...

Registration

Advance registration is required.

Please register using Google Form: <https://forms.gle/WzXNRVisabdX2Uvg6>