



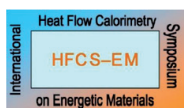
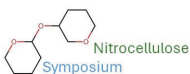
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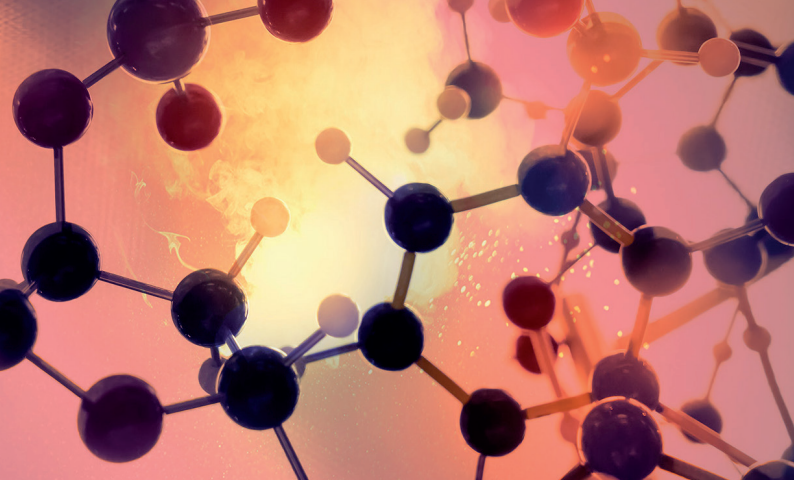
Call for Papers

10th International Nitrocellulose Symposium

13th Heat Flow Calorimetry Symposium – Energetic Materials

September 15 – 19, 2025
Fraunhofer ICT
Berghausen, Germany





10th International Nitrocellulose Symposium

13th Heat Flow Calorimetry Symposium – Energetic Materials

This year both symposia will be combined in one week.

Both conferences share a long history as specialized symposia considering the topics of nitrocellulose (NC), its manufacturing, processing and characterization as well as the effects, the use, the interpretation and the modelling of heat flow of energetic materials.

Interested?

If you are interested in presenting at these symposia, please send your one page abstract to nc-hfc@ict.fraunhofer.de until June 30, 2025, or visit our [website](#) for more information.

Possible topics

Nitrocellulose Symposium

- Resources available for NC production
- Processing of cellulose for nitration
- Manufacturing of NC
- Stabilizing NC
- Formulation of propellants with NC
- Behavior of NC-based materials

Heat Flow Calorimetry Symposium

- Heat flow micro-calorimetry (HFMC)
- Differential scanning calorimetry (DSC)
- Accelerated rate calorimetry (ARC)
- Reaction calorimetry (RC)
- Reaction flow calorimetry (RFC)
- Interpretation and modelling of reactions

This list is not exhaustive. If you feel your contribution is not represented in these topics, please submit your contribution as any application or methodical approach.

General Information

Venue

Fraunhofer ICT
Joseph-von-Fraunhofer-Str. 7,
76327 Pfinztal (Berghausen)
Germany

Arrival

Plane: Frankfurt Airport →
Train (approx. 1.5 hours)

Car: Frankfurt Airport →
A5 motorway
(approx. 1.5 hours)

Please note the International Pyrotechnics Seminar is held just the week before from September 8 – 12 in Munich.

For more information please contact

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