

GEFTA Conference Programme 2024

Wednesday, 25/09/2024

12:00 Uhr	Arrival and Registration
13:15 Uhr – 13:45 Uhr	Opening and Welcome Klaus Müller-Buschbaum, Institute of Inorganic and Analytical Chemistry, Justus Liebig University (JLU) Giessen Dirk Walter, JLU Giessen, Chairman of GEFTA
13:45 Uhr – 14.15 Uhr	Michael Feist: <i>“History of GEFTA”</i>
14.15 Uhr – 14:35 Uhr	Angela Hammer (Nänikon, Switzerland): <i>“Thermal Analysis of Li Ion Batteries: Safety and Stability”</i>
14:35 Uhr – 14:55 Uhr	Elena Moukhina (Selb, Germany): <i>“Kinetic modeling of metal reduction at different temperature conditions and hydrogen concentrations”</i>
14:55 Uhr – 15:15 Uhr	Michael Gerlach (Selb, Germany): <i>“Modular Peltier-based Isothermal Battery-Calorimeter”</i>
15:15 Uhr – 15:45 Uhr	Coffee break
15:45Uhr – 16:00 Uhr	Alexander Sedykh (Giessen, Germany): <i>“Thermal Properties of Li₆PS₅Cl Argyrodite”</i>
16:00 Uhr – 16:15 Uhr	Konrad Burkmann (Freiberg, Germany): <i>“Determination of Thermodynamic Data of Boranates and Calculations regarding Thermodynamic Tuning”</i>
	Break
17:00 Uhr –	GEFTA – Annual assembly
18:00 – 21:00 Uhr	Gettogether

Thursday, 26/09/2024

09:30 Uhr – 09:45 Uhr	Elena Moukhina (Selb, Germany): <i>“Selection of Suitable kinetic Method for Analysis of Polymer Decomposition, Curing and Crystallization by NETZSCH Kinetics Neo Software”</i>
09:45 Uhr – 10:00 Uhr	Claire Strasser (Selb, Germany): <i>“Kinetics and TTT diagram for curing of epoxy-amine system”</i>
10:00 Uhr – 10:30 Uhr	Jaroslav Bartak (Pardubice, Czech Republik): <i>“Combination of microscopy and thermoanalytical methods in the study of crystallization in chalcogenide glass-formers”</i>
10:30 Uhr – 11:00 Uhr	Coffee Break
11:00 Uhr – 12:00 Uhr	Guido Kickelbick (Saarbrücken, Germany): <i>“Thermal Analysis: A Key to Characterizing and Tailoring Inorganic-Organic Hybrids and Nanocomposites“</i>
12:00 Uhr – 13:00 Uhr	Lunch (Cafeteria “CaRe“: HRZ)
13:15 Uhr – 13:30 Uhr	Award ceremony “Netzsch-GEFTA-Award“
13:30 Uhr – 14:15 Uhr	Maren Lepple (Giessen, Germany): <i>“Investigation of ZrO₂-based high-temperature materials for the application as future thermal barrier coatings”</i>
14:15 Uhr – 14:35 Uhr	Daniel Gruner (Dresden, Germany): <i>“Investigations of the Debinding and Sintering Behavior of Additively Manufactured Steel and Zirconia Components Using Optical Dilatometry”</i>
14:35 Uhr – 16:00 Uhr	Poster presentations and coffee break: Mohammed Bouzbib (Selb, Germany): <i>“Industrial Applications of Kinetic Analysis Using Kinetics Neo Software”</i> Angus Demmes (Freiberg, Germany): <i>“Synthesis and Thermochemical Characterisation of Strontium Boranate“</i> Angela Hammer (Nänikon, Switzerland): <i>“Go to the Limits: Using DSC 5+”</i> Angela Hammer (Nänikon, Switzerland): <i>“Curing of an Adhesive by TMA and Humidity Generator”</i> Uta Sazama (Hamburg, Germany): <i>“Impact of the Surface Chemistry on the Heat of Adsorption of Water Confined in Periodic Mesoporous Organosilica“</i> Stefan Türk (Giessen, Germany): <i>“Particle size-dependent studies on reaction kinetics of thermal goethite/hematite transformation“</i>

	Lukas Bemfert (Giessen, Germany): <i>“Redox behaviour of Cd, Selenides and Tellurides for recycling of CdTe thin film solar cells via Chemical Vapour Transport”</i>
17:00 Uhr – 18:45 Uhr	Evening event <i>“Mathematikum Gießen“, Liebigstr.8, 35390 Giessen</i>
19:00 Uhr –	Social evening <i>“Skafos“, Uferweg 4, 35398 Giessen</i>

Friday, 27/06/2024

09:30 Uhr – 09:45 Uhr	Stefan Sarge (Braunschweig, Germany): <i>“Activities of the DIN Standard Committee Thermal Analysis“</i>
09:45 Uhr – 10:15 Uhr	Dirk Walter (Giessen, Germany): <i>“Thermal Analysis – Diversities of applications“</i>
10:15 Uhr – 11:45 Uhr	Round Table: Quo vadis <i>“Thermal Analysis“</i>
11:45 Uhr – 12:00 Uhr	Farewell and Departure