



**Thermal Analysis and Calorimetry in Industry and Research
40 Years of GEFTA**

Berlin, September 16-19, 2014

Pre-Conference Short Course replacing the annual GEFTA-Fortbildungskurs:

***Preparative techniques and thermoanalytical methods
for sol-gel and hybrid materials***

**Location: Lecture building Chemistry/Physics, Newtonstraße 14,
directly neighbouring the Institute of Chemistry**

Program September 16, 2014

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|---------------|---|--------------------------|
| 13:00 – 13:15 | Opening | 15 min, Feist, Hempel |
| 13:15 – 14:00 | <i>Synthesis, characterization and application of metal oxide-based hybrid materials</i> | 45 min Kickelbick |
| 14:00 – 14:45 | <i>Metal fluoride nano particles in the sol state</i> | 45 min Scheurell |
| 14:45 – 15:15 | Coffee break | 30 min |
| 15:15 – 16:00 | <i>Thermal analysis for characterizing hybrid materials - Information gain vs. measuring expenses</i> | 45 min Kickelbick |
| 16:00 – 16:45 | <i>Non-aqueous sol-gel chemistry to metal-oxide hybrid nanostructures</i> | 45 min Pinna |
| 16:45 – 17:00 | Comprehensive discussion | 15 min |

After the short course the conference registration desk opens for all participants in the entrance hall of the lecture building.

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| 17:00 – 18:00 | Conference registration | 60 min, Feist, Neuenfeld |
| 18:00 – 18:45 | Experimental lecture | 45 min, Zimmering |
| 19:00 – 22:00 | Welcome mixer, Snacks & Drinks Student's band <i>The Flatted Fifth</i> | |