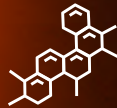


AGENDA



**International Conference for Dispersion Analysis
& Materials Testing**

Locations:

10 & 11 JUNE: Abacus Hotel, Franz-Mett-Straße 3 -9, 10319 Berlin

12 June: Additional Shortcourses at LUM headquarters,
Justus-von-Liebig-Strasse 3, 12489 Berlin

10 JUNE

09:00 Get together & Registration & Exhibition

10:00 **1** **Conference Opening** Dietmar Lerche

Session I

10:30 **2** Speaker **Rheological properties and stability of Pickering emulsions stabilized with Differently Charged Particles** Mathis Benyaya

11:30 **3** Speaker **A novel amphiphilic polyacrylate-cholesterol derivative as solubility enhancer and emulsion stabilizer for pharmaceutical and cosmetic applications** Claudia Cencetti

12:00 **4** Speaker **Highly tunable Pickering emulsion/polymer systems: from colloids to functional surfaces** Guy Mechrez

12:30 **5** Speaker **Stability of oil in water emulsions stabilized solely with Citrus Fiber** Heidi Liva Pedersen

13:00 **Lunch break**

Session II

14:00 **6** Speaker **Analytical Insights in Food Product Development: A Journey Through Accelerated Stability Testing** Charlie Mearles-Pay

14:30 **7** Speaker **Cold Process Emulsification: Evaluation of Raw Materials and Formulation Concepts including Dispersion Analysis** Andrea Wanninger

15:00 **8** Speaker **Oil Separation of Lubricating Greases under Static Conditions: Analytical Photo-Centrifuge and DIN 51817** Karl-Heinz Jacob

Session III Anniversary Special

15:30 **9** Speaker **Material testing using centrifuge technology - a journey through time from 2004 to 2024** Uwe Beck

15:50 **10** Speaker **30 years of LUM GmbH – Years of Flexibility, Innovation, Excellence and Reliable Partnership** Thomas Koch

16:10 **Coffee and Exhibition Break**

16:40 **11** Speaker **30 years of LUM – a view from the KIT** Hermann Nirschl

17:00 **12** Speaker **Sedimentation analysis – from early steps to the gold standard of particle characterization** Wolfgang Peukert

17:20 **13** Speaker **For more than 20 years, LUM has been promoting university research and education as well as international standardization** Michael Stintz

17:40 **14** Speaker **NN** from Japan

18:00 **End of conference programme, Information on social evening**

Social Evening

18:45 **Departure from hotel**

19:15 **Start of guided tour**

20:45 **End of guided tour and dinner in restaurant PATAGONA**

Session IV LUM Young Scientist Award 2024

08:30			Introduction LUM Young Scientist Award	Dietmar Lerche
09:00	15	YSA1	Developing a Methodology for Systematic Selection of Probe Liquids to Determine Hansen Solubility Parameters for Carbon Black materials	Amin Said Amin
09:30	16	YSA2	Fullerene suspensions in water	Théo Merland
10:00	17	YSA3	Interfacial Properties Dominate over Bulk Solvent Properties in Liquid Phase Exfoliation: an Experimental Study using Dispersion Analyser	Priyabrata Sahoo
10:30	Award Ceremony, Press photo shooting			
10:45	Coffee Break			

Session V „Particle Analysis and Characterization“

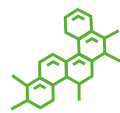
11:15	18	Speaker	Membrane-free Removal of Hydroxide Precipitates by Continuous Ultrasonic Filtration	Jim Coons
11:45	19	Speaker	Insights into Development: Certification of Submicron Reference Particles for Size and Number Concentration	Matthew Hood
12:15	Lunch Break			

Session VI „Advanced Analytical Techniques and Dispersion Optimization“

13:30	20	Speaker	Multidimensional Analysis using Flow Cytometry and Single Particle Light Scattering Technology	Moritz Moß
14:00	21	Speaker	Phase-Change Dispersions for Energy Storage and Energy Turnaround: 10 Years of Research at the Lucerne University of Applied Sciences	Rebecca Ravotti & Oliver Fellmann
14:30	22	Speaker	The long-term stability and properties of a skin cream with addition of liposomes	Kristýna Müllerová
15:00	23	Speaker	Development of aqueous Magnetite ferronanofluids	Anja Meyer
15:30	Visit of Exhibition & Coffee break			

Session VII

16:00	23	Speaker	Insights into Perovskite Nanoparticles: Surface Characterization and Dispersion Optimization through LUMiSizer Analytical Centrifuge	Blaž Toplak
16:30	24	Speaker	LUMiSizer as the universal tool for accessing the kinetic stability of nano ZrO₂-based ceramic suspension for DLP printing – correlative study with the corresponding rheological properties	Patrik Sokola
17:00	Conference Closure			



12 JUNE

Short Courses

- 07:30 **Meeting at conference hotel reception for joint transfer to LUM**
- 09:00 **Start of shortcourses in Justus-von-Liebig-Strasse 3**
Coffee breaks and Lunch break included
- 15:00 **End of shortcourses**