



International Conference for Dispersion Analysis & Materials Testing



Berlin, Germany, June 10 - 11, 2024

Additional Shortcourses: June 12, 2024



Confirmed Talks June 10, 9 am - June 11, 7 pm

We are very pleased to already confirm the following speakers and lecture titles:

Uwe Beck, previously Bundesanstalt für Materialforschung und -prüfung (BAM), Germany
“Material testing using centrifuge technology - a journey through time from 2004 to 2024”

Mathis Benyaya, Université Claude Bernard Lyon (LAGEPP), France
“Rheological properties and stability of Pickering emulsions stabilized with Differently Charged Particles”

Claudia Cencetti, Qi S.r.l., Italy
“A novel amphiphilic polyacrylate-cholesterol derivative as solubility enhancer and emulsion stabilizer for pharmaceutical and cosmetic applications”

Dr. Jim Coons, Los Alamos National Laboratory
“Membrane-free Removal of Hydroxide Precipitates by Continuous Ultrasonic Filtration”

Matthew Hood, PhD, Dr. Lerche KG
“Insights into Development: Certification of Submicron Reference Particles for Size and Number Concentration”

Prof. Dr. Karl-Heinz Jacob, TH Nuremberg, Germany
“Oil Separation of Lubricating Greases under Static Conditions: Analytical Photo-Centrifuge and DIN 51817”

Charlie Mearles-Pay, Reading Scientific Services Ltd, UK
“Analytical Insights in Food Product Development: A Journey Through Accelerated Stability Testing”

Guy Mechrez, PhD, ARO Volcani Center, Israel
“Highly tunable Pickering emulsion/polymer systems: from colloids to functional surfaces”

Dr.-Ing. Anja Meyer, Fraunhofer Institute of (IKTS), Germany
“Development of aqueous Magnetite ferronano fluids”

Moritz Moß, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany
“Multidimensional Analysis using Flow Cytometry and Single Particle Light Scattering Technology”

Confirmed Talks June 10, 9 am - June 11, 7 pm

Kristýna Müllerová, Brno University of Technology (Faculty of Chemistry, Institute of Physical Chemistry), Czech Republic

“The long-term stability and properties of a skin cream with addition of liposomes”

Heidi Liva Pedersen, PhD, CP Kelco ApS, Denmark

“Stability of oil in water emulsions stabilized solely with Citrus Fiber”

Rebecca Ravotti, PhD, Oliver Fellmann, Lucerne University of Applied Sciences and Arts (HSLU), Switzerland

“Phase-Change Dispersions for Energy Storage and Energy Turnaround: 10 Years of Research at the Lucerne University of Applied Sciences and Arts”

Blaž Toplak, University of Duisburg-Essen, Institute for Energy and Materials Processes – Particle Science and Technology (EMPI-PST), Germany

“Insights into Perovskite Nanoparticles: Surface Characterization and Dispersion Optimization through LUMiSizer Analytical Centrifuge”

Prof. Dr. Andrea Wanninger, University of Applied Sciences Niederrhein, Germany

“Cold Process Emulsification: Evaluation of Raw Materials and Formulation Concepts including Dispersion Analysis”

Young Scientist Award 2024



The scientific jury has now nominated three candidates for the Young Scientist Award 2024. The nominees are in alphabetical order:

Amin Said Amin, University of Duisburg-Essen, Germany

“Developing a Methodology for Systematic Selection of Probe Liquids to Determine Hansen Solubility Parameters for Carbon Black materials”

Théo Merland, Le Mans University & ESPCI Paris-Sorbonne University, France

“Fullerene suspensions in water”

Priyabrata Sahoo, Centre for Nano and Soft Matter Sciences, Bengaluru & Manipal Academy of Higher Education, India

“Interfacial Properties Dominate over Bulk Solvent Properties in Liquid Phase Exfoliation: an Experimental Study using Dispersion Analyser”

All abstracts are uploaded to www.Dispersion-Letters.com

Conference Registration: conference2024.lum-gmbh.com

Additional short courses June 12, 9 am - 3 pm

Enjoy a full 6 hours of access to LUM instrumentation, as well as a varied program that combines hands-on work with extensive, practical theory on June 12 take place at the LUM Headquarters, Justus-von-Liebig-Str. 3, 12489 Berlin.

5 different intensive courses:

- Accelerated and real-time stability of formulations - testing methods & strategies, correlation (LUMiReader® PSA, LUMiReader® X-Ray, LUMiFuge®, LUMiSizer®)
- Comprehensive characterization of battery & energy storage materials (LUMiReader® X-Ray, LUMiSizer®, LUMiFrac®)
- Determination of droplet size, particle size distribution & particle properties (LUMiReader® PSA, LUMiSizer®, LUMiSpoc®)
- Relative sedimentation time for Hansen Parameters (HSP/HDP) (LUMiReader® PSA & LUMiSizer®)
- Analytical centrifugal filtration (LUMiFuge®, LUMiSizer®)



ACCELERATED AND REAL-TIME STABILITY OF FORMULATIONS - TESTING METHODS & STRATEGIES, CORRELATION

- Takes place at the LUM Headquarters: Justus-von-Liebig-Str. 3, 12489 Berlin, on 12 June 2024 from 9 am to 3 pm.
- The shortcourse is considered a further training measure for employees of certified companies (DIN ISO 9001 and other relevant). A certificate of attendance is issued.
- The four participants (maximum) may suggest their application area of interest till 15 January 2024 - book early and get your topic discussed.
- This shortcourse is run by Dr. Arnold Uhl, chemist in profession, serving world-wide LUM customers and applications since 2004.

Further information:
www.youtube.com/@lumgmbh

Conference Registration: conference2024.lum-gmbh.com



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