

# International WORKSHOP 2012

## Dispersion Analysis

# A G E N D A

- Correlation between sedimentation behaviour characterized with LUMiFuge and rheological properties of pigment preparations  
**Norbert Bendzko, Markus Schubert**  
[iSL-Chemie GmbH & Co KG, Germany](#)
- Determination of in-situ density of nano particles by means of analytical centrifugation.  
**Holger Woehlecke**  
[Dr. Lerche KG, Germany](#)
- Evaluation of Stability of Model Emulsions by Analytical Centrifugation and Rheology  
**Karl-Heinz Jacob**  
[Georg-Simon-Ohm University of Applied Sciences, Germany](#)
- Influence of the Surface Properties and the Magnetic Field Strength on the Adhesion Forces of Magnetic Composite Particles.  
**Johannes Knoll, Hermann Nirschl**  
[Karlsruhe Institute of Technology, Germany](#)
- New Approach for characterization of Particle Surface Property using LUMiSizer.  
**Shin-ichi Takeda**  
[Takeda Colloid Techno-Consulting, Co., Ltd., Japan](#)
- Predicting the shelf life of Liquid Fabric Softeners.  
**Phil Vinson, Mike Weaver, Dave Bohlen, Michael Thompson, Walter Broeckx**  
[Procter & Gamble, Belgium](#)
- Sedimentation behaviour of carbon nanotubes in an aqueous surfactant dispersion.  
**Beate Krause, Mandy Mende, Petra Pötschke, Gudrun Petzold**  
[Leibniz Institute of Polymer Research Dresden, Germany](#)
- The Use of Analytical Centrifugation in the Development of Process Control Test Methods.  
**Mark Cavaleri**  
[3 M, USA](#)

1 March 2012

10 am - 5 pm

(as of 19/12/2011)

The international workshop is held in English language.

All presentations from 2011 can be downloaded at [www.dispersion-letters.com](http://www.dispersion-letters.com)

Find our report from the last workshop in **APPLIED RHEOLOGY**: [http://www.ar.ethz.ch/TMPPDF/22915688577.632/AppIRheol\\_21\\_300.pdf](http://www.ar.ethz.ch/TMPPDF/22915688577.632/AppIRheol_21_300.pdf)

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## Dispersion Analysis

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## Application course examples for Training Course Day:

- Advanced particle characterization, particle sizing & particle density
- Advanced stability analysis
- Correlation of accelerated stability results with demixing at storage
- Introduction to STEP-Technology and bottom focussed backscattering - Instruments and applications
- SEPView 6 - Software - Your window to Dispersion Analysis.
- Accelerated stability analysis of After Shave Balms / Make up / Nail varnish
- Characterization of Mascara, Cosmetic Creams, Body Lotion, Shower gels, Sun protection formulations.

**Kindly specify your particular interest with the registration or give us a call, even if the topic is not listed above.**

**2 March 2012**

**9 am - 3 pm**

**(as of 19/12/2011)**

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# International WORKSHOP 2012

## Dispersion Analysis



### Conference Day - 1 March 2012 - 10 am - 5 pm



The direct and accelerated stability analysis of emulsions and suspensions and the comprehensive characterization of particle properties and particle interactions play an important role in product development, process optimization and quality control. Following the great success of 2011, the 2012 Workshop Dispersion Analysis, organized by LUM, is again addressed to users of LUM instruments as well as to interested newcomers. Speakers from different industries and from research institutions are kindly invited to discuss their experiences, methods and solutions for their applications. Strategies and results based on the use of LUMiSizer, LUMiFuge, LUMiReader, applying the patented STEP-technology, and LUMiCheck are in focus of the talks. The international workshop is held in English language.

All presentations from 2011 can be downloaded from [www.dispersion-letters.com](http://www.dispersion-letters.com).



Die direkte und beschleunigte Stabilitätsanalyse von Emulsionen und Suspensionen sowie die umfassende Charakterisierung von Partikeleigenschaften und -wechselwirkungen spielen eine wesentliche Rolle in der Produktentwicklung, Prozessoptimierung und Qualitätskontrolle. Der Internationale Workshop zur Dispersionsanalyse 2012, veranstaltet von LUM, richtet sich wiederum an Nutzer der LUM-Messgeräte und Interessenten. Referenten aus unterschiedlichen Industrien und aus der Forschung sind eingeladen, Ihre Erfahrungen, Methoden und Lösungen für Ihre Applikationen zu diskutieren. Im Fokus stehen die Strategien und Ergebnisse beim Einsatz von LUMiSizer, LUMiFuge und LUMiReader, unter Nutzung der patentierten STEP-Technologie, und LUMiCheck. Der internationale Workshop findet in englischer Sprache statt.

Alle Vorträge des Workshops 2011 stehen unter [www.dispersion-letters.com](http://www.dispersion-letters.com) zum Download bereit.

### Training Course Day - 2 March 2012 - 9 am - 3 pm



Several application courses are offered. Individual training courses are provided upon agreement. Kindly specify your particular interest with the registration or give us a call.



Es werden verschiedene Applikationskurse angeboten. Ein individuelles Training ist nach Absprache möglich. Bitte teilen Sie uns bei der Registrierung Ihren speziellen Trainingswunsch mit oder rufen Sie uns einfach an.

# International WORKSHOP 2012

## Dispersion Analysis



## Registration



Deadline for registration is February, 15, 2012.

Registration by fax to +49 30 67 80 60 58 or by email to [info@lum-gmbh.de](mailto:info@lum-gmbh.de). The confirmation will be sent to you immediately after payment.

Registration fee:

Conference Day: **210,00€** net per person, VAT not included

Full package (Conference Day, Social Event, Training Day): **275,00€** net per person, VAT not included.

Cancellation fee after 15.02.2012 100%. A substitute is welcome.

For any question and support kindly contact LUM GmbH, Justus-von-Liebig-Str. 3, 12489 Berlin, Germany, Phone +49 30 67 80 60 30 or Fax +49 30 67 80 60 58. E-Mail: [info@lum-gmbh.de](mailto:info@lum-gmbh.de).



Anmeldeschluss ist der 15.2.2012.

Anmeldung per Fax an +49 30 67 80 60 58 oder per e-mail an [info@lum-gmbh.de](mailto:info@lum-gmbh.de). Sofort nach Rechnungsausgleich erhalten Sie von uns Ihre Anmeldebestätigung.

Teilnahmegebühr:

Konferenztag: **210,00€** pro Person zzgl. gesetzl. USt.

Komplettpaket (Konferenztag, Social Event, Trainingstag): **275,00€** pro Person zzgl. gesetzl. USt.

Stornierungsgebühr nach dem 15.2.2012 100%. Natürlich kann ein Ersatzteilnehmer benannt werden.

International WORKSHOP 2012 **Dispersion Analysis**

# Registration Form (fax to +49 30 67 80 60 58)

Titel, First Name, Surname

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Email

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Phone

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Company/Institution

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Department

---

Invoice address

---

Street or PO Box

---

Place and Postcode

---

Country

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On 2 March I would like to attend a training course for (name your application or instrument or software or individual interest):

**Please register the following person as well:**

Titel, First name, Surname

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Email

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Department

On 2 March I would like to attend a training course for (name your application or instrument or software or individual interest):

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# International WORKSHOP 2012

## Dispersion Analysis



### Directions to LUM / Wege zu LUM:

#### Airport Berlin-Schoenefeld SXF

12 min by taxi  
30 min by bus

#### Airport Berlin-Tegel TXL

40 min by taxi

#### Flight plan:

<http://www.berlin-airport.de/DE/Presse/BilderDownloadOrdner/Flugplan.pdf>

#### Main railway stations Deutsche Bahn (DB)

##### Berlin-Suedkreuz

20 min by city train (S-Bahn)

##### Berlin-Hauptbahnhof

40 min by city train (S-Bahn)

##### Long distance bus

Zentraler Omnibusbahnhof am Funkturm (ZOB)  
45 min by city train (S-Bahn)

#### Hotel at conference location / Hotel am Veranstaltungsort:

Dorint Adlershof Berlin  
Rudower Chaussee 15  
12489 Berlin-Adlershof  
Germany  
Phone: +49 30 67822-0  
Fax: +49 30 67822-1000  
[info.berlin-adlershof@dorint.com](mailto:info.berlin-adlershof@dorint.com)  
<http://hotel-berlin-adlershof.dorint.com/>

