Press Release

LUM sponsors World Congress on Particle Technology 7 in China – News from Nano Measuring Instrumentation

Berlin, 29 April 2014: The 7th World Congress on Particle Technology (WCPT 7), organized by the Chinese Society of Particuology, takes place in the Chinese capital Beijing from 19-22 May.

As a Berlin based company with strong research activities LUM GmbH is proud to actively contribute to the success of the event, being one of the selected sponsors.

Together with the organizer LUM welcomes the attendees from all around the world to Beijing.

LUM GmbH is market leader in innovative analysers for direct and accelerated stability analysis and particle characterization of dispersions. Since the market introduction of the first stability analyser LUMiFuge® in 1998 LUM instruments are successfully used in particle technology. With the introduction of the Multi-wavelength Dispersion Analyser LUMiSizer in 2012 there is a significant increase of use in nanotechnology. There is almost no limit in applications. LUM instrument users determine particulate properties, like size, density and magnetization, besides the dispersion and stability properties in the original concentration of the formulation.

LUM contributes to the scientific programme of WCPT7 with own research results in four symposia.

By invitation of the organizer LUM (Torsten Detloff) will discuss prospective needs of particle characterization in the Brian Scarlett Memorial Session. In the future, great importance is attached to the analysis of particle surface properties, not any longer to the geometric parameters only.

The density of micro- and nanoparticles plays an important role in research and development of suspensions and emulsions. Especially, when particles dispersed in liquids feature different properties as in dry state, e.g. porous materials or hydrocolloids. The quantification of flocculation and colloidal crystallization of nanosized metal oxides by in-situ separation visualization is subject of a talk given by Dietmar Lerche.

The scientific topics covered by LUM talks further include the determination of the volume weighted particle size distribution without refractive index (T. Detloff). This innovative measuring principle was technically realized in the Multi-wavelength Separation Analyser LUMiReader PSA®.

The exhibition stand of LUM GmbH and partner Twinson International Ltd. presents the entire product portfolio. Especially by using the new SEPView® 6 software, meeting all modern requirements, the automatic simultaneous analysis of the particle size distribution respectively stability for up to 24 samples, is enabled, significantly increasing the efficiency. The shown multi-wavelength LUMiReader® PSA, as well as the Dispersion Analyser LUMiSizer® are instruments for the comprehensive understanding of complex industrial products in an easy way, giving hydrodynamic particle density, separation velocity distribution and particle size distribution in addition to the direct stability result.

Event information and registration:
http://www.wcpt7.org,

Press contact LUM GmbH

LUM GmbH
Justus-von-Liebig-Str. 3
12489 Berlin, Germany
Tel. +49-30-6780 6030
Fax +49-30-6780 6058
support@lum-gmbh.de
www.lum-gmbh.com