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Press Release

From nano-analysis to food inspections: The highlights of analytica China 2016

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analytica China 2016 opens its gates at the Shanghai New International Expo Centre from October 10–12, 2016. Exhibition Director Susanne Grödl at Messe München says, "We are expecting more than 800 exhibitors from around the world with exhibits covering the entire range of analysis, laboratory-technology and biotechnology solutions."

Visitors can look forward to a number of pioneering new developments in micro- and nano-analysis. Fritsch's Analysette 22 laser particle sizer, for example, characterizes nanoparticles in an extremely large range of sizes, i.e. from 10 nanometers to 2,100 micrometers—and without having to change optical elements. NanoMagnetic Instruments will present scanning probe microscopes for scanning surfaces at the atomic level that can be used both in research and production. WITec, on the other hand, will have a confocal micro-Raman system for non-destructive chemical analysis in the submicron range on display. It was developed for price-conscious users, but can also be upgraded for techniques such as 3D Raman imaging or atomic force microscopy. Implen's new NanoPhotometers are designed to accommodate sample quantities in bioanalysis, which are often quite small: They only need a 300-nanoliter liquid sample

"The trend towards automation also remains strong", emphasizes Grödl. Quick and reliable analyses are needed, especially in safety-related fields such as food and environmental analysis. FoodALYT's D5+ steam distillation unit simplifies the identification of nitrates, formaldehyde and other substances, and automatic addition and suction of the chemicals lowers the error rate. In addition, more and more analyses can be controlled via a tablet or smartphone. For example,

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Press Release | September 19, 2016 | 2/2

DataApex's Clarity Chromatography Software controls and monitors the devices of various manufacturers via its mobile Clarity2Go app.

"To ensure that all of these new products for the laboratory of the future have sufficient space, we have increased the amount of exhibition space to 35,000 square meters and created a separate exhibition sector for the topic of food safety in Hall N3", explains Grödl. The trade fair will also feature plenty of space for new developments in laboratory technology—from climate chambers to incubators, autoclaves and laboratory mills.

The title of the analytica China conference that accompanies this year's trade fair is "Analytical Chemistry—Safety for our Life". Leading experts from the research and industrial sectors will discuss the industry's latest trends and developments. Among other things, the conference's highlights will include a session on "Environmental analysis and food safety". It will focus on the use of modern analytical chemistry in the healthcare sector to analyze synthetic pigments in foods and on the nitrogen oxide problem in major cities. Additional information about the conference program is available [here](#).

Visitors who wish to attend analytica China 2016 can register for the trade fair online [here](#).

About analytica China

analytica China with the analytica China conference is the Leading Trade Fair for Laboratory Technology, Analysis, Biotechnology and Diagnostics in China. In 2014, a total of 695 exhibitors and 18,775 visitors participated in the event. analytica China is held every two years at the Shanghai New International Expo Centre in Pudong—the next time from October 10 to 12, 2016.

analytica worldwide

analytica China is part of an international network of exhibitions that also includes the trade fairs analytica, analytica Vietnam and analytica Anacon India with India Lab Expo. Additional information about these exhibitions and their programs of events is available at www.analytica.de.

Messe München

Messe München is one of the world's leading trade-show companies. It organizes some 40 trade shows for capital and consumer goods and key high-tech industries in Munich and abroad. Each year more than 30,000 exhibitors and some two million visitors take part in events held at the Messe München trade-fair center, the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München. In addition,

Press Release | September 19, 2016 | 3/3

Messe München organizes trade shows in China, India, Turkey, South Africa and Russia. Messe München has a global business presence with affiliates in Europe, Asia and Africa and more than 60 foreign representatives serving more than 100 countries.