



Munich, November 12, 2025

Press Release

analytica 2026: AI as a driver of digital transformation

- **analytica special show Digital Transformation: laboratory of the future in action**
- **instrumental analysis: next-generation data processing**
- **analytica conference: AI is revolutionizing science**

Claudia Grzelke
PR Manager
Phone +49 89 949-21498
claudia.grzelke@messe-muenchen.de

From March 24 to 27, 2026, analytica will be opening its doors at the Munich exhibition center. The world's leading trade fair for laboratory technology, analysis and biotechnology will be focusing on one topic in particular: the digital transformation of the industry.

Whether it is automated analyses, robot assistants, or AI tools for data evaluation, the digital transformation of the laboratory world is in full swing, but still far from complete. "At analytica, we accompany the transformation and invite visitors to cast a glance inside the laboratory of tomorrow," says Susanne Grödl, analytica Exhibition Director.

At the analytica special show Digital Transformation, visitors will experience how hardware and software from different manufacturers are combined to make digital work in the laboratory more intuitive and to automate processes. 18 exhibitors are taking part in the special show, including industry giants such as Liebherr, Metrohm, Mettler Toledo and Sigma. Together, they will present interactive exhibits and workflows for various application examples: from digitized processes in drinking water, flavor, and fragrance analysis to automated temperature control processes. A special highlight is a cobot from Universal Robots, which places samples in centrifuges and also masters other tasks perfectly.

Messe München GmbH
Am Messesee 2
D-81823 Munich (München)
Germany
messe-muenchen.de



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For digital transformation to succeed, it requires data from different sources to be merged and transformed into a standardized format that can be read by both humans and machines. The LIMS and Lab Execution System SAMPLES from analytica exhibitor Qualitytype supports this process, as it offers interfaces for loading and processing data with external tools such as Excel. In turn, analytica exhibitor Splashlake bridges the gap between laboratory equipment and LIMS with an interface that transfers data directly to the LIMS and supports the connection to AI-based analysis. Qualitytype and Splashlake are also partners of the special show.

AI in instrumental analysis

Digital transformation and AI methods are also on the program for the science-oriented analytica conference. Several speakers will discuss the knowledge they expect to gain from the use of artificial intelligence. “AI will not only control the automated laboratory of the future, but also generate new hypotheses or synthesis pathways,” predicts Professor Ulrich Panne, President of the German Federal Institute for Materials Research and Testing in Berlin. He will chair the analytica conference session “Digital Analytical Sciences” on Wednesday morning (March 25) with presentations on self-driving labs and digital tools in mass spectrometry, photonics, and food analysis.

The topics of digitalization and AI will also be a recurring theme through the five exhibition halls, where over 1,000 exhibitors from all over the world will be presenting their latest innovations. Systems from Agilent, Bruker, Shimadzu and many other providers are already using machine learning and AI to evaluate spectra and other data, for example, in GC/MS analysis, FTIR spectroscopy, or atomic force microscopy. Thermo Fisher recently even entered into a strategic partnership with the software company OpenAI.

In short, all major equipment manufacturers are focusing on AI – and on analytica, the meeting place for the industry. After all, nothing can replace face-to-face discussions, especially in times of digital transformation. “With the combination of world-leading trade fair, conference, and a diverse supporting



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program, we offer plenty of room for exchange between manufacturers and users, and between representatives from science, industry, and public authorities,” says Susanne Grödl. analytica brings all the players together under one roof and shows them the way into the digital laboratory world.

Please find this press release including pictures to download at analytica.de/en/munich/press/press-releases/

About analytica

analytica is the world's leading trade fair for the laboratory technology, analysis and biotechnology industries and their users in research and business. The trade fair will be complemented by the analytica conference, where the international scientific elite meet for discussion of current topics in chemistry, biochemistry and laboratory medicine. Since 1968, analytica has been held biannually in Munich. The next event will take place from March 24–27, 2026.

analytica worldwide

Messe München is the world's leading trade fair organizer for laboratory technology, analysis and biotechnology: The analytica network comprises – in addition to the world's leading trade fair analytica – analytica China, analytica Anacon India with India Lab Expo, analytica Vietnam, analytica Lab Africa and analytica USA.

About Messe München

As one of the world's leading trade fair organizers, Messe München presents the world of tomorrow at around 90 trade fairs worldwide. These include twelve of the world's leading trade fairs such as bauma, BAU, IFAT and electronica. Messe München's portfolio comprises trade fairs for capital and consumer goods, as well as for new technologies. Together with its 1,300 employees in the group and associated companies, it organizes trade fairs in China, India, Brazil, South Africa, Turkey, Singapore, Vietnam, Hong Kong, Thailand and the USA. With an international network of affiliated companies and foreign representatives, Messe München is active worldwide. Each year, more than 150 events attract around 50,000 exhibitors and around three million visitors in Germany and abroad. This makes Messe München an important economic engine that generates billions in purchasing power.