

Keynote Speech at Industry Forum

Opportunities and Challenges in Detector Technology

What are the biggest challenges in the mass production of detectors for IR spectrometers? Johannes Kunsch will address this question in his keynote speech at the 7th European AnalytiX Conference in Berlin. As long-time head of the IR components division at LASER COMPONENTS (which manufactures detectors), he is not only familiar with the promising possibilities offered by the near and medium infrared spectrum for spectroscopy but with the practical problems that have prevented the use of these technologies in the mass market as well.

Johannes Kunsch is certain: "As part of the move toward miniaturization, in principle, it would be possible to develop NIR spectrometers for use in smartphones. In practice, however, there are still some unanswered questions – for example, about the selection of a light source, sample preparation, and calibration transfer. The 'killer application,' which would drive development in this area, is also missing."

With over 200 globally recognized experts, investors, and decision makers, this event is one of the most important industry events in spectroscopy, microscopy, and sensor technology. From November 13 to 15, 2019, experts from all over the world will be discussing the latest scientific findings and the current state of their industry in eight thematic blocks and over a hundred lectures.

Trade Shows

AnalytiX-2019 Europe, 13. – 15. November 2019, Berlin
SPIE Photonics West, February 04 – 06, 2020, San Francisco, USA, **Booth 449**
ATX West Automation, February 11 – 13, 2020, Anaheim, CA, USA, **Booth 4165**
SPIE Photonics Europe, March 31 – April 01, 2020, Strasbourg, France, **Booth 521**
ANGACOM, May 12 – 14, 2020, Cologne, Germany
The Vision Show, June 09 – 11, 2020, Boston, MA, USA
Sensors Expo & Conference, June 09 – 11, 2020, San Jose, CA, USA
LASYS, June 16 – 18, 2020, Stuttgart, Germany
SENSORS + TEST, June 23 – 25, 2020, Nuremberg, Germany, **Booth 1-517**
SPIE Optics+Photonics, August 23 – 27, 2020, San Diego, CA, USA
VISION, November 10 – 12, 2020, Stuttgart, Germany, **Booth 1G31**
electronica, November 10 – 13, 2020, Munich, Germany

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 230 employees worldwide.