

## Save the date!

Automation / Robotics / Industry 4.0

### Automation increases industrial added value

The 15<sup>th</sup> international expert forum [“Innovation Forum for Automation”](#) presents application examples for automation and Industry 4.0

**Dresden, 19 December 2017.** Challenging automation solutions make value-creating processes within German industries even more flexible. At the 15th international expert forum “Innovation Forum for Automation”, from 18 to 19 January 2018 in Dresden, automation specialists (supplier) and international technology companies (customers) will be displaying successful application examples for Industry 4.0.

The expert panel targets business decision-makers and specialists, who are in search for new technologies and methods to optimize their manufacturing processes step by step and thereby being able to react as quickly and flexibly as possible to changes in customer requirements in the industrial production.

Through the application examples visitors will gain insight into the future of factory automation and see what implications the collection and analysis of vast data amounts (Big and Smart Data Analytics) have on the further development of predictive maintenance strategies. Other key topics will be new sensor technologies for line control, mobile robotic solutions as well as the application of virtual and augmented reality technologies in complex automation scenarios.

The international expert forum “Innovation Forum for Automation” will be organized by the Automation Network Dresden (AND) – a cluster of the four German automation specialists Fabmatics, AIS Automation Dresden, SYSTEMA and XENON Automatisierungstechnik.

The “Innovation Forum for Automation” will be focusing on case studies from the semiconductor, the electronic as well as the automotive industries. Program highlights include practice-oriented presentations by:

- **Dr. Christian Heedt (Siltronic AG)** speaks about the flexible, automated transportation of material via mobile robots in a 300mm-wafer factory
- **Roland Schulz (OSRAM Opto Semiconductors GmbH & Co. OHG)** presents a simulation solution for the development and improvement of LED-products
- **Dr. Germar Schneider (Infineon Technologies Dresden GmbH)** outlines the way from a highly automated factory to a „Smart Fab“ using Industrial Internet of Things (IIOT) methods

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**About Fabmatics**

With its headquarters in Dresden, Fabmatics is an experienced provider of Industry 4.0 solutions, in particular for the automation of material flows and handling processes in high-tech production environments. Fabmatics is the result of the merger of HAP Handhabungs-, Automatisierungs- und Präzisionstechnik GmbH Dresden and Roth & Rau - Ortnier GmbH along with its American subsidiary Roth & Rau - Ortnier USA, Inc. Both predecessor companies have their origins in the semiconductor industry where they have been implementing automation projects with great success for more than 20 years. This has also created a strong market position for the modernisation of 200mm semiconductor factories around the world. Owner-managed Fabmatics, including its subsidiary Fabmatics USA, Inc. located in Sandy, Utah, does business around the world and currently has some 180 employees. Fabmatics is a member of global industry association SEMI and the high-tech network Silicon Saxony e.V. For additional information: [www.fabmatics.com](http://www.fabmatics.com)

**About AIS Automation Dresden**

AIS is a global software company with its headquarters in Dresden. For more than 25 years, the company has successfully developed IT solutions in the factory and production automation sectors. Other areas of focus include plant integration and controls in a wide variety of industries and technology segments, including the semiconductor, photovoltaic, solar and automotive industries. The company's more than 135 experienced and committed employees create, develop and install high-quality software solutions around the world. AIS supports its customers during the entire production life-cycle, from the specification phase, to implementation and installation on-site and ongoing comprehensive support. Since 2011, AIS has been part of the Meyer Burger Group providing it access to a comprehensive network for global project work and customer care. For additional information: [www.ais-automation.com](http://www.ais-automation.com)

**About SYSTEMA**

With its 20 years' experience and 160 employees, SYSTEMA is a leading provider of software solutions and IT services for the production industry. Its portfolio ranges from platform-independent plant integration to automation of production processes as well as the implementation and enhancement of production management systems and their integration into ERP / supply chain management systems. Software solutions from SYSTEMA are easy to operate and are based on reliable in-house solutions as well as products from well-known partners. In addition to its headquarters in Dresden, the company has operations in Regensburg, Malaysia and the United States. For additional information: [www.systema.solution](http://www.systema.solution)



### **About XENON**

XENON Automatisierungstechnik GmbH plans, develops and produces machines and systems for automating production processes. XENON has extensive process and automation-related experience from its work as an independent systems integrator for a variety of production technologies. XENON supplies customer-specific systems for assembling and testing mechatronic systems, electronic components, sensors, plug connectors and contact systems, metal/plastic hybrids, solar cells and modules and well as medical-technical products. The company supports its customers in choosing the most efficient production technology combined with ideal production costs. The combination of innovative process solutions and extensive experience in plant construction has been the foundation for the company's consistent growth since 1990. XENON currently has 225 employees located in Dresden, Suzhou (China) and Hong Kong. For additional information: [www.xenon-automation.com](http://www.xenon-automation.com)