

PRESS RELEASE

Aachen, den 17.08.2016

Werkzeugmaschinenlabor WZL an der
RWTH Aachen University

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Twentieth Business Forum Quality:

Smart Quality – Quality Management in Age of Industry 4.0

The keyword "Industry 4.0" summarizes the increasing digitalization and networking of the entire value creation chain in one term: Components report to their machine tools that they are ready for the next processing step, and production systems order spare parts independently before a failure occurs. The changes that will accompany this in many companies will pose new challenges for quality management and quality assurance and require new approaches to solutions.

In the twentieth edition of the "Business Forum Quality" on September 12 and 13, 2016, the Fraunhofer Institute for Production Technology IPT and the Laboratory for Machine Tools and Production Engineering WZL of RWTH Aachen University will present current developments on the topic of "Smart Quality - Quality Management in the Age of Industry 4.0" for discussion. Top-class speakers from industry and research will report on important trends and best practices in two expert forums.

The "Smart Products" expert forum is dedicated to the challenges and tasks of quality management in the development, manufacture and field phase of intelligent products. In addition to practical solutions from various branches of mechanical engineering, the opportunities and risks of intelligent products will be discussed. The "Smart Production" expert forum will address the question of what quality management and quality assurance must achieve in an increasingly digitized and networked production environment. In various contributions, the speakers share their ideas about the tasks and workplace design of the "digitally supported employee".

As always, the focus of the Business Forum Quality is on personal exchange and discussion between speakers, participants and scientists. The event illuminates the entire industrial value chain and addresses specialists and executives from development, production, purchasing, controlling, strategy development and quality management.

The programme of events and information on participation will be available shortly on www.bfq-aachen.de

Laboratory for Machine Tools and Production Engineering (WZL)

The Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University has stood worldwide for more than 100 years for future-oriented research and successful innovations in the field of production technology.

Under the leadership of four professors Christian Brecher, Fritz Klocke, Robert Schmitt und Günther Schuh, the WZL is conducting research in six areas - production technology, machine tools, production

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systems, transmission technology, production metrology and quality management - on the future-oriented design of production in high-wage countries. Together with industry partners from various sectors, the WZL develops solutions for a wide variety of production scenarios in both publicly funded and bilateral projects. These activities are being consolidated on the RWTH Aachen Campus in the Cluster Production Engineering.

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