

PRESS RELEASE

Aachen, July 11, 2022

Laboratory for Machine Tools and
Production Engineering (WZL) of
RWTH Aachen University

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3D Metrology Conference November 15 – 17 in Aachen

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„Metrology as a Driver of Innovation“

This year, the 3D Metrology Conference will take place in Aachen from November 15 to 17. The 3DMC is one of the most important conferences in the field of industrial metrology and is being organized for the seventh time by the WZL of RWTH Aachen University in cooperation with the National Physical Laboratory (NPL), University College London (UCL) and the Physikalisch-Technische Bundesanstalt (PTB). After successful editions in Aachen, Hamburg, and London, and most recently two virtual venues, the conference now returns to its founding location, the Melaten Campus.

At 3DMC, up to 200 industrial users and academically renowned experts exchange ideas and shape the innovative and open character of the event. It is also reflected in the program design: A top-class lecture program is paired with an open industry exhibition, special interest sessions and dedicated networking formats. Prof. Ben Hughes and Prof. Robert Schmitt will moderate and shape the event as Chairman and Host.

The conference will focus on measurement technology as an innovation driver in automation and quality assurance. On the one hand, industrial end users will present successful use cases from various sectors, such as automotive engineering, aviation or the energy industry. On the other hand, internationally leading scientists will present advances in metrology itself, which enable new applications. 3D data and machine vision form the DNA of the conference and are complemented by other technologies, e.g. from the fields of digitalization and artificial intelligence.

In 2022, 3DMC will introduce two innovations: For the first time, the industry exhibition will take place in the new machine hall of the WZL, allowing exhibitors to present innovative use cases live and discuss them with the community. The advantages of an exhibition, a production technology laboratory and an expert forum will thus come together in one place. As a further innovation, selected presentations will be supplemented by an associated peer-reviewed article in the open access journal Metrology, which will further strengthen the sustainable scientific excellence of the conference.

Event website: <https://www.3dmc.events>

Conference language: English.

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Laboratory for Machine Tools and Production Engineering (WZL)

The Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University enhances the innovative strength and competitiveness of the industry with trend-setting basic research, applied research and the associated consulting and implementation projects in the field of production technology. In the research fields of manufacturing technology, machine tools, production engineering, gear technology as well as production metrology and quality management, practical solutions for rationalizing production are developed with industrial partners from a broad range of branches.