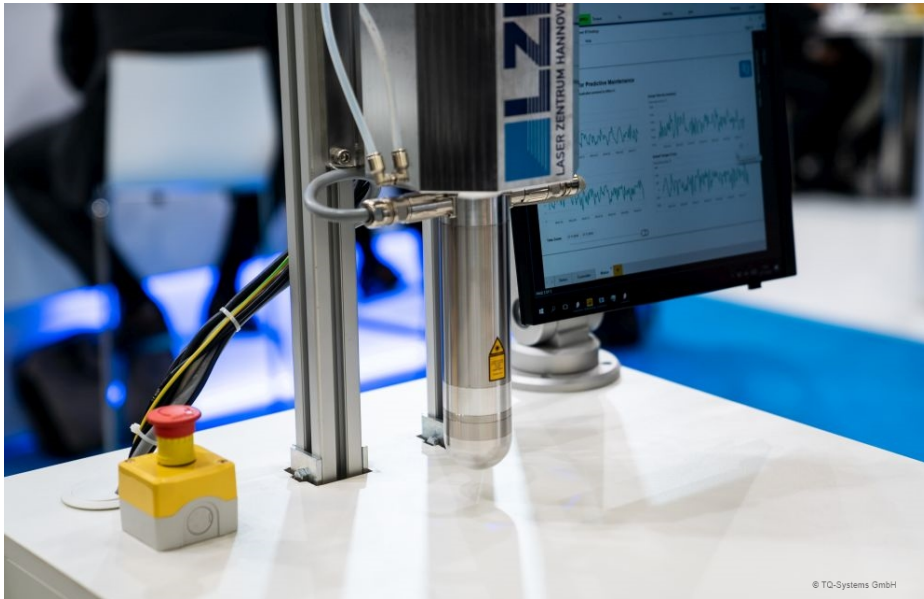


## Smart laser processes and AR-assisted assembly



### Auf einen Blick

- Hannover Messe from 01 to 05 April 2019
- Hall 2, stand A08 (Pavilion of the State of Lower Saxony)
- Laser processing is a matter for the head: individualized processes and systems
- IPH presents virtually assisted assembly
- Niedersachsen ADDITIV: Partner for SMEs who are interested in 3D printing

20. 2019

**LZH/IPH | At the Hannover Messe, the Laser Zentrum Hannover e.V. (LZH) will be presenting individual all-in-one solutions for processes and systems for laser material processing. The Institute for Integrated Production Hannover (IPH) gGmbH will be showing the virtually supported assembly using an additively manufactured gearbox.**

Industry 4.0 requires processes that integrate into existing production environments: customer-specific, system-technical solutions are in demand. At the Pavilion of the State Lower Saxony on stand A08 in hall 2, the LZH will therefore be showcasing novel laser processes and systems that can be individually adapted to the customer's application and requirements.

Using a virtually supported assembly, the IPH will be showing how the process chain in factories can be digitized. Currently, many companies work with paper-based assembly instructions. With augmented reality (AR), the employees will be able to project the instructions directly in front of their eyes in the future. Thus, even unskilled workers can easily see where which part belongs.

Small and medium-sized enterprises (SMEs) from Lower Saxony will find another competent partner for 3D printing at the Pavilion: Niedersachsen ADDITIV. Niedersachsen ADDITIV supports SMEs in introducing additive manufacturing technologies.

The IPH, the LZH and Niedersachsen ADDITIV will be exhibiting at the Hannover Messe from 01 to 05 April 2019 on the Pavilion of the State of Lower Saxony (hall 2, stand A08). Free visitor tickets [here](#).

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