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ILT

Fraunhofer Institute for Laser
Technology ILT

November 23–24, 2023 | Save the Date

Conference AI for Laser Technology

www.ilt.fraunhofer.de/ail-conference

Conference

AI for Laser Technology

Artificial Intelligence (AI) is transforming industries. The disruption also takes place in laser technology by introducing new methods and algorithms for process control, image- and data-analysis, adaptive processes for self-learning machines and for measurement technology. Data-driven innovations offer holistic approaches for increasing productivity, efficiency, and quality in laser-based manufacturing and sensing. AI-based control systems already adjust laser and machine parameters in real-time, improving performance, productivity, and process quality – ultimately enabling efficient and sustainable production. AI in laser technology unlocks new possibilities and applications, driving advancements in various industries. Learn more about those propelling developments and get in touch with the experts in this field at the 3rd AI for Laser Technology Conference in Aachen.

Keynote talks

- Ansgar Heinen & Marcel Franke
Microsoft Deutschland GmbH, Köln (D)
- Dr. Volker Rominger
TRUMPF Werkzeugmaschinen SE + Co. KG, Ditzingen (D)

Guided laboratory tour at Fraunhofer ILT

The guided lab tour offers an exciting insight into our application-oriented research and development. Learn more about the latest trends in artificial intelligence and get ideas for promising future activities. We look forward to your participation!

Contact

Prof. Carlo Holly | Dipl.-Ing. Peter Abels
carlo.holly@ilt.fraunhofer.de | peter.abels@ilt.fraunhofer.de