



AUTO
MOTIVE
CIRCLE

FEB 3–4

AGENDA

EALA – EUROPEAN AUTOMOTIVE LASER APPLICATIONS

TUESDAY | FEBRUARY 3

- 9.00 am** **Welcome and conference introduction**
Dr. Dirk Meine, Automotive Circle, DE

PROCESS ANALYSES

- 9.30 am** **Series-robust laser welding of aluminum in automotive manufacturing – lessons learned from diverse material processing routes**
Carmen Schäfer, German Society for Materials Science (DGM), IT

- 10.00 am** **Uncovering the effect of ambient conditions on cw keyhole mode laser beam welding by high-speed synchrotron X-ray imaging**
Dr. Leander Schmidt, Technische Universität Ilmenau, Production Technology Group, DE

- 10.30 am** **Building a gold-standard, correlative synchrotron X-ray and Optical Coherence Tomography (OCT) database for the application of machine learning to automotive laser welding**
Tristan Fleming, IPG Photonics (Canada), CA

- 11.00 am** **Meet the Speakers / Exhibition / Coffee and contacts**

REMOTE WELDING INNOVATIONS

- 11.45 am** **Advanced high precision remote laser welding strategies with in-situ quality assurance for mobility**
Ruediger Brockmann, Blackbird Robotersysteme GmbH, DE

- 12.15 pm** **New “SCW” remote welding head for laser welding without laser cell**
Dr. Axel Luft, Scansonic MI GmbH, DE

- 12.45 pm** **Meet the Speakers / Exhibition / Lunch break**

TACTILE WELDING INNOVATIONS

- 2.00 pm** **Flexible e-drive production using adaptive laser welding systems**
Matthias Beranek, Trumpf Laser-und Systemtechnik SE, DE; Alexander Fast, Schaeffler Automotive Buehl GmbH & Co. KG, DE

- 2.30 pm** **Bringing intelligence to laser welding with wire: adaptive solutions for battery box production**
Sebastian Moser, Precitec, Inc., US; Mohamed Kashkoush, Ford Motor Company, US

- 3.00 pm** **OCT for higher accuracy when laser brazing and welding**
Dr. Bastian Hauptstein, Lessmüller Lasertechnik GmbH, DE; Jan Neubert, Abicor Binzel, DE

- 3.30 pm** **Meet the Speakers / Exhibition / Coffee and contacts**

IMPLEMENTING AI

- 4.15 pm** **Robotic laser welding with autonomous guidance enabled by AI for large components in automotive**
Dr. Daniele Colombo, ADIGE – BLMGroup, IT; Dr. Matteo Moscatelli, Politecnico di Milano, IT

- 4.45 pm** **In-line dual source AI powered weld quality monitoring for EV batteries**
Alex Fraser, Laserax, CA

- 5.15 pm** **WeldBraAI™: AI-Based weld quality prediction and repair in battery busbar laser welding**
Dr. Masoud Pour, General Motors Company, US

- 5.45 pm** **Meet the Speakers / Exhibition / Get together**

- 7.00 pm** **Networking Dinner**

* All times in CET (UTC+1)
Conference program is subject to change
Status as of: January 8, 2026

EALA – EUROPEAN AUTOMOTIVE LASER APPLICATIONS 2026

Conference venue: DOLCE by Wyndham Bad Nauheim
Elvis-Presley-Platz 1 | DE-61231 Bad Nauheim
www.dolcebadnauheim.com

Your contact: Jannike von Kampen
Senior Event Manager | Automotive Circle
T +49 511 9910-384 | jannike.von.kampen@vincentz.net
automotive-circle.com





AUTO
MOTIVE
CIRCLE

FEB 3–4

AGENDA

EALA – EUROPEAN AUTOMOTIVE LASER APPLICATIONS

WEDNESDAY | FEBRUARY 4

NEW LASER APPLICATIONS

- 9.00 am** **Laser applications in battery recycling**
Max Rettenmeier, TRUMPF Laser- und Systemtechnik SE, DE
- 9.30 am** **Sustainable laser cleaning of bulk materials**
Olav Schulz, SLCR Lasertechnik GmbH, DE
- 10.00 am** **Industrial application and investigation of laserbeam rotating to the porosity of Laser-MIG-hybrid welded AW 6063-T6 aluminum alloy for battery trays**
Dr. Herbert Staufer, Fronius International GmbH, AT
- 10.30 am** **Meet the Speakers / Exhibition / Coffee and contacts**

BEAM SHAPING POSSIBILITIES

- 2.00 pm** **Tailored, faster and high-quality welding technology for the new EV structures**
Miguel Ángel Ferrández Del Olmo, Gestamp, ES
- 2.30 pm** **Choosing the right beam shaping technology: a comparative outlook**
Stefano Zarini, Optoprim, IT
- 3.00 pm** **Farewell address and end of conference**

* All times in CET (UTC+1)
Conference program is subject to change
Status as of: January 8, 2026

ADVANCES IN WELDING COPPER

- 11.15 am** **Copper welding and PAI coating removal using high-brightness blue laser**
Yuki Iwai, Furukawa Electric Co., Ltd., JP
- 11.45 am** **NIR/blue hybrid laser welding of Cu hairpins: system, process, and monitoring development**
Prof. Ali Gökhan Demir, Politecnico di Milano, Department of Mechanical Engineering, IT; Giulio Borzoni, IMA EV-TECH, IT
- 12.15 pm** **A blue dive into the invisible: Synchrotron-based analysis of welding processes with blue laser radiation and future perspectives for the automotive industry**
Christoph Spurk, RWTH Aachen University, Chair for Laser Technology LLT, DE; Mathias Schlett, Laserline GmbH, DE
- 12.45 pm** **Meet the Speakers / Exhibition / Lunch break**



REGISTER NOW

EALA – EUROPEAN AUTOMOTIVE LASER APPLICATIONS 2026

Conference fee: 1.995 € (until January 2) | 2.195 (after January 2) | All prices plus 19% German VAT
Registration and Terms & Conditions at www.automotive-circle.com