



FORUM „LASERS IN ACTION“

Tuesday, 21st June

- 09:30 - 10:00 **Laser Beam Welding in Vacuum – industrial implementations of LaVa-welding**
Dr. Benjamin Gerhards, Head of Research & Development; LavaX
- 10:00 - 10:30 **Customized laser micromachining processes for industrial production**
Thomas Gester, Head of Laser Application and Contract Manufacturing; 3D-Micromac AG
- 10:30 - 11:00 **Selective laser melting in the micro scale**
Julian Drechsel; Laserinstitut Hochschule Mittweida
- 11:00 - 11:30 **Smart ultra-short pulse laser processing with rotating beam – laser micro drilling, cutting and turning**
Dr. Roswitha Giedl-Wagner, Project Manager; GFH GmbH
- 11:30 - 12:00 **Latest developments in laser-based glass additive manufacturing**
Katharina Rettschlag & Dr.-Ing. Peter Jäschke; Laser Zentrum Hannover e.V.
- 12:00 - 12:30 **Dynamic Beam Laser For Joining Applications**
Dr. Eyal Shekel, CEO; Civan Lasers
- 13:00 - 13:30 **3D Dynamic Beam Shaping for laser material processing**
Dr.- Ing. Patrick Herwig, Group Manager, Laser Cutting; Fraunhofer Institute for Material and Beam Technology IWS
- 13:30 - 14:00 **Enabling new applications with ultrashort laser pulses**
Kilian Fritsch, Co-Founder; n2-Photonics GmbH
- 14:00 - 14:30 **Efficient laser cutting and welding of sheet metal assemblies: flexible, modular, productive**
Andreas Scholz, Area Sales Manager; Weil Technology GmbH



FORUM „LASERS IN ACTION“

Wednesday, 22nd June

- 10:00 - 10:30 **Enabling new applications with ultrashort laser pulses**
Kilian Fritsch, Co-Founder; n2-Photonics GmbH
- 10:30 - 11:00 **High throughput biomimetic laser surface functionalization**
Bizhan Alatif; Laserinstitut Hochschule Mittweida
- 12:00 - 12:30 **Customized laser micromachining processes for industrial production**
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- 14:00 - 14:30 **Dynamic Beam Laser For Joining Applications**
Dr. Eyal Shekel, CEO; Civan Lasers
- 14:30 – 15:00 **High throughput biomimetic laser surface functionalisation**
Bizhan Alatif; Laserinstitut Hochschule Mittweida

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