

Fachmodul

Programm des LaserForum 2023

Montag, 13. März 2023		
16:00	Führung bei LaVa-X	
18:00	Dinner	
Dienstag, 14. März 2023		
09:30	Morning Coffee and Registration	
10:15	Welcome	Prof. Arnold Gillner Fraunhofer ILT, Aachen, DE Dr. Thomas Dietrich IVAM - Fachverband für Mikrotechnik, Dortmund, DE
10:20	New Wavelengths for Reproducible Manufacturing Processes	Prof. Arnold Gillner Fraunhofer ILT, Aachen, DE
10:45	Process-safe Joining by Means of New Wavelengths and Adapted Beam Distributions	Dr. Sarah Nothdurft Laserzentrum Hannover e.V., Hannover, DE
11:10	Blue Diode Lasers - Applications in Raman Spectroscopy for Metrological Monitoring of Hydrogen Quality	Dr. Alexander Stratmann Robert Bosch GmbH, Stuttgart, DE
11:35	LASER.region.AACHEN - How Regional Cooperation can Leverage Synergies and Put a Region in a Special Light	Edwin Büchter Laser.region.Aachen, Aachen, DE
12:00	Lunch and Guided Tour of the Fraunhofer ILT	
13:30	Micro Welding with Fiber Lasers – A New Approach	Markus Danner Coherent, Göttingen, DE
13:50	Tailored Lasers for Material Processing in Energytechnology	Keming Du Edgewave, Würselen, DE
14:10	Laser Application Trends in the Process Chain of EV Battery Manufacturing	Johannes Buehrle Trumpf, Ditzingen, DE
14:30	Discussion	Prof. Arnold Gillner Fraunhofer ILT, Aachen, DE
14:45	Coffee Break and Networking	
15:15	LaVa Welding in Power Engineering - From μm to cm	Benjamin Gerhards LaVa-X, Aachen, DE
15:35	Laser Beam Welding in Plastics Technology - Current Applications and New Developments	Dr. Rolf Klein TechnoScriptum, Groß-Umstadt, DE
15:55	How Laser Technology Enables the Production of Future Energy Storage Devices	Henning Janssen Fraunhofer IPT, Aachen, DE
16:15	Development of Solarisation-stable Optical Glasses for Applications with Blue Laser Radiation	Dr. Ralf Jedamzik Schott AG - Advanced Optics, Mainz, DE
16:35	Discussion	Prof. Arnold Gillner Fraunhofer ILT, Aachen, DE
17:00	End of the Event and Networking	