

World of LASER PHOTONICS INDUSTRY DAYS JUNE 21-24, 2021

(as of June 21, 2021)

June 21, 2021	Start	Title	Speaker
Science Insights: Welcome Notes and Keynote	11:00	Welcome Notes	Dr. Reinhard Pfeiffer, Messe München Prof. Luc Bergé, President European Physical Society Prof. Constance J. Chang-Hasnain, 2021 OSA President Prof. Carmen Menoni, 2021, IEEE Photonics Society President Prof. David L Andrews, SPIE President 2021 Prof. Dr.-Ing. Ludger Overmeyer, Präsident WLT e.V.
	11:15	Keynote: A 40-Year Journey	Prof. Dr. Reinhard Genzel, Max-Planck-Institute for Extraterrestrial Physics
	12:15	Presentation of the Winners of the Bernard J. Couillaud Prize and the Herbert Walther Award by OSA	Dr Christopher Dorman OBE, Coherent Inc.
	12:30		Break
	13:00	Opening LiM / Welcome Notes WLT President and LiM General Chair	
	13:10	Presentation of the WLT Award	
	13:20	Lecture WLT Award Winner	
	13:40		Break
	14:00-14:20	Ultra-Stable Interferometers for High End Applications	Dr. Denis Dontsov, SIOS Messtechnik GmbH

June 22, 2021	Start	Title	Speaker
Industry Insights Laser Trends & Markets	11:00	Start & Moderation	Dr. Andreas Thoss, THOSS Media GmbH
	11:05	The Global Market for Industrial Lasers and Systems - Status and Forecast	Dr. Arnold Mayer, Optech Consulting
	11:25	German Photonics in the World Market	Jörg Mayer, SPECTARIS
	11:45	Trends in the German Laser Industry	Dr. Moritz Förster, VDMA e.V. Dr. Christian Schmitz, TRUMPF GmbH & Co. KG Dr. Christoph Ullmann, Laserline GmbH
	12:00		Break
Industry Insights: Future Applications	13:30	Shaping the Future: How Photonics Drives – and Is Driven by – the Major Technology Trends	Prof. Dr. Michael Totzeck, Carl Zeiss AG
	14:00	What to Do with All Those Photons - Laser Material Processing Quo Vadis?	Dr. Markus Kogel-Hollacher, Precitec GmbH & Co. KG
	14:30	Entering a New Wealth of Applications Enabled by High Power Ultrashort Pulse Laser System Technology	Prof. Dr. Constantin Häfner, Fraunhofer ILT and RWTH Aachen University
	15:00		Break
	15:30 - 16:30	Roundtable "Future Challenges for Lasers and Photonic Technologies"	Dr Christopher Dorman OBE, COHERENT, INC. Andreas Frahm, TRUMPF Lasertechnik GmbH Prof. Dr. Constantin Häfner, Fraunhofer ILT Prof. Dr. Michael Totzeck, Carl Zeiss AG

June 23, 2021	Start	Title	Speaker
Industry Insights: Biophotonics	09:00	Biophotonics: Making Life Safer and Healthier with the Help of Light	Prof. Dr. Jürgen Popp, Leibniz Institute of Photonic Technology
	11:00	Laser Solutions for High Parameter Cytometry Instruments	Dr. Matthias Schulze
	11:30		Break
Science Insights: Biophotonics	13:00 - 14:40	ECBO Hot Topix Session	

June 24, 2021	Start	Title	Speaker
Industry Insights: World of QUANTUM	10:00	Start & Moderation	Dr. Andreas Thoss, THOSS Media GmbH
	10:05	Quantentechnologien und Quantencomputing - Aktivitäten des BMBF	Dr. Peter Soldan, VDI Technologiezentrum GmbH
	10:35	The DLR Quantum Computing Initiative	Dr. Robert Axmann, German Aerospace Center (DLR)
	11:05	QuIC – The European Quantum Industry Consortium	Dr. Thomas Strohm, QuIC & Robert Bosch GmbH
	11:20	Munich Quantum Valley – Quantum Computation and Quantum Technologies in Bavaria	Prof. Dr. Stefan Filipp, TU Munich & Walther-Meissner-Institute
	11:35	Education - Future Quantum Workforce	Prof. Dr. Rainer Müller, Technische Universität Braunschweig
	12:00		Break
Industry Insights: World of QUANTUM	14:00	Quantum Sensing - from First Industrialized Applications to Future-Oriented Concepts	Dr.-Ing. Stefan Hengesbach, Q.ANT GmbH
	14:20	Quantum Computing	Dr. Heike Riel, IBM Quantum
	14:40	Quantum against Quantum - How Can Quantum Technologies Help Counter the Threat of the Quantum Computer?	Bruno Huttner, ID Quantique
	15:00 - 16:00	Roundtable "Quantum - Quo Vadis?"	Dr. Wilhelm Kaenders, TOPTICA Photonics AG Dr. Eric Mounier, Yole Développement Prof. Dr. Rainer Müller, TU Braunschweig Dr. Heike Riel, IBM Quantum