

Time					
Chile	Ivory Coast (+3)	Germany (+4)	Monday, March 2		
9:00 – 10:30	12:00 – 13:30	13:00 – 14:30			
10:30 – 11:00	13:30 – 14:00	14:30 – 15:00			
11:00 – 12:30	14:00 – 15:30	15:00 – 16:30	Coffee and Registration		
12:30 – 14:00	15:30 – 17:00	16:30 – 18:00	Lunch		
14:00 – 15:30	17:00 – 18:30	18:00 – 19:30	14:00 Welcome		
			14:30 Anne Harth (HS Aalen)		
			15:00 Andreas Heinrich (HS Aalen)		
15:30 – 16:00	18:30 – 19:00	19:30 – 20:00	Coffee Break		
16:00 – 17:30	19:00 – 20:30	20:00 – 21:30	16:00 Hilde Buzza (UC), Photonics for Health: Using Light in the Treatment of Cancer and Infections (confirmed)		
			16:30 Doria Assoumou (USP)		
			17:00 Abah Koffi (USP, HS Aalen), Fraunhofer Diffraction from FIB Gratings: Experimental and Simulation Analysis		
			Tuesday, March 3		
9:00 – 10:30	12:00 – 13:30	13:00 – 14:30	9:00 Christian Elsner (Mercedes Benz), Laser applications for the electric powertrain at Mercedes-Benz		
			9:30 Jeremie Zoueu (USP)		
			10:00 Andrea Toulouse (U Stuttgart), 3D-printed micro-optical systems: Functional toolbox and fiber-optical applications		
			Coffee Break		
11:00 – 12:30	14:00 – 15:30	15:00 – 16:30	11:00 Mike Dohmen (HS Aalen), Iterative 2D shape prediction of electrically deformable polymer droplets for optical resonators		
			11:30 Annika Dehm (HS Aalen), Physics-informed prediction of customized freeform microlens shapes		
			12:00 Sangeetha, Suresh (HS Aalen), Investigation of volumetric photopolymerization based on transmissive wavefront measurements using a Shack-Hartmann wavefront sensor		
			Lunch		
14:00 – 15:30	17:00 – 18:30	18:00 – 19:30	14:00 Tilia Gaedeke (HS Aalen), Replication of Complex Optical Metastructures with Undercut Geometries via Nanoimprint Lithography Using 2PP-Fabricated Stamps		
			14:30 Christos Karapatzakis (HS Aalen), Parameter investigation for stamp manufacturing of complex geometries using Nanoimprint lithography		
			15:00 Daniel Foerster (HS Muenchen)		
			Coffee Break		
16:00 – 17:30	19:00 – 20:30	20:00 – 21:30	16:00 Jeronimo Maze (UC)		
			16:30 Clemente Velasco (UC), Magnetometry Experimentation on Boron Vacancy Centers in Hexagonal Boron Nitride		
			17:00 Vicente Alvarado (UC), Quantum Metrology with Boron Vacancies in Hexagonal Boron Nitride		
			Wednesday, March 4		
9:00 – 10:30	12:00 – 13:30	13:00 – 14:30	9:00 Sebastian Faas (ZEISS), The smaller the BIGGER - further shrink in nano lithography comes with immense technical effort in optics		
			9:30 Ulrich Vogl (ZEISS), Stochastic Interferometry for Metrology		
			10:00 Christian Brock (Optocraft), Efficient alignment and testing of optics using wavefront metrology		
			Coffee Break		
11:00 – 12:30	14:00 – 15:30	15:00 – 16:30	11:00 Andreas Stute (TH Nuernberg), From Industry (back) to Research: Applications of Photonics in Space Optical Instruments and Quantum Technologies		
			11:30 Regina Schuster (HS Aalen), Contactless manipulation of laser beams using ultrasonic fields in ambient air		
			12:00		
			Lunch		
14:00 – 15:30	17:00 – 18:30	18:00 – 19:30	14:00 Enrique Muñoz (UC)		
			14:30 Ulrich Volkmann (UC)		
			15:00 Sascha Wallentowitz (UC)		
			Coffee Break		
16:00 – 17:30	19:00 – 20:30	20:00 – 21:30	16:00 Luis Molina (UC), Resonance-Detuning Control of Superfluid Transport in Ring Lattices Using Optical Modulators		
			16:30 Sebastian Camona (UC), Enhancing supercurrent-based inertial sensing via interactions in atomtronic angular accelerometers		
			17:00 Carlos Hernández (HS Aalen), Model-based simulation of the exposure process on positive tone photoresists		
			Thursday, March 5		
9:00 – 10:30	12:00 – 13:30	13:00 – 14:30	9:00 Jakob Buchheim (DLR), Photonic Systems for Scalable Quantum Devices		
			9:30 Birger Seifert (UC), Exploring CW-Seeded Optical Parametric Amplifiers Using Dispersive Temporal Interferometry		
			10:00 Daniel Flamm (Trumpf)		
			Coffee Break		
11:00 – 12:30	14:00 – 15:30	15:00 – 16:30	11:00 Christian Eder, Integrating Optical Functionality into 2PP-Printed Microstructures		
			11:30 I. Tischer (Richter LT)		
			12:00 Julia Cikos (HS Aalen), Design of a Setup for the Characterization of the Propagation Loss in 2PP-Fabricated Single-Mode Waveguides		
			Lunch		
14:00 – 15:30	17:00 – 18:30	18:00 – 19:30	14:00 Diego Hidalgo (UC), Phase-Coherent Optical Frequency Up-Conversion in Millimeter-Size Zn(3-ptz)2 Metal–Organic Framework Single Crystals		
			14:30 Francisco Capdeville (UC), Multiple-reflections single-shot dispersion scan for fast ultrafast-pulse measurements		
			15:00 Ignacio Jimenez (UC), High-sensitivity detection of Rhodamine B using e-beam deposited Au nanoparticles for surface-enhanced Raman spectroscopy		
			Coffee Break		
16:00 – 17:30	19:00 – 20:30	20:00 – 21:30	16:00 Selina Burkert, Investigation of the dynamic response of a fluid dielectric to electric fields for controlled micro- and nanostructuring processes		
			16:30 Corobelia Wittenmann (HS Aalen), Geometry Analysis of Two Photon Polymerized Microneedles – an Experimental and Simulated Approach		
			17:00 Ignacio Hidalgo (UC), Photodynamic evaluation of systems based on photosensitizers with microalgae in liquid cultures and hydrogel matrices to study their oxygen production		
			Friday, March 6		
9:00 – 10:30	12:00 – 13:30	13:00 – 14:30	9:00 Martin Gerken (Hensoldt)		
			9:30 Julian Struck (Tesat), Satellite-Based Optical and Quantum Technologies		
			10:00 Roland Terborg (shinaphi), High-Speed Nanometrology: Bringing Ultrasensitive Phase Imaging from Lab to Industry		
			Coffee Break		
11:00 – 12:30	14:00 – 15:30	15:00 – 16:30	11:00 Andreas Hartmann (opmobility)		
			11:30 Sebastian Stoezel (AMS OSRAM)		
			12:00 Jonas Mazal (ZEISS)		
12:30 – 14:00	15:30 – 17:00	16:30 – 18:00	12:30 Final remarks		
			Lunch		
			Coffee		
			Social Program		



Conference Dinner