

Tentative Program GREEN PHOTONICS Workshop (hybrid)

Italic: online participation

Day 1	Action Item / Speaker	Presentation
9:00-9:30	Badge Pick Up / Registration	
9.30 - 09:45	Andreas Tünnermann (Fraunhofer IOF)	Opening Remarks
9:45 - 10:25	N.N.	Keynote: blocked
10:25 - 11:05	Michael Kissner (Akhetonics)	Integrating Nonlinear Photonic Materials for Optical Computing
11:05 - 11:35	<i>Yating Wan (KAUST)</i>	<i>On-Chip Lasers in Silicon Photonics: Pathways to Integration and Applications</i>
11:35 - 12:05	Mario Chemnitz (Friedrich-Schiller University)	Towards sustainable AI with nonlinear optical wave dynamics for brain-inspired computing
12:05 - 12:50	Networking Lunch Break	
12:50 - 14:15	Fraunhofer IOF Tour	Exploring the Future: Photonics Touring
14:15 - 14:45	N.N.	tbd
14:45 - 15:15	N.N.	tbd
15:15 - 15:45	Networking Break "Coffee2Talk"	
15:45 - 16:05	N.N.	tbd (contributed)
16:05 - 16:45	<i>Bernard Kress (Google)</i>	Keynote: Title tbd
16:45 - 16:50	Closing Remarks Day 1	

Day 2	Action Item / Speaker	Presentation
9:00 - 9:40	Paul Hartmann (Joanneum Research)	Keynote: Green Photonics and Photonics for Green: recent progress in Austria
9:40 - 10:10	Tobias Schröter (Fluidect)	From photonics to sustainable industrial applications: the example of biosensors
10:10 - 10:40	N.N.	tbd
10:40 - 11:10	Networking Break "Coffee2Talk"	
11:10 - 11:40	Beate Hager (Jabil Optics Germany)	Sustainability requirements in optical industry - challenges or opportunities?
11:40 - 12:10	Yolanda Stabel (Innocise GmbH)	Green Gripping – High Precision Manipulation for Photonic Applications
12:10 - 12:55	Networking Lunch Break	
12:55 - 13:25	Frank Wippermann/Jacques Dupparé (mcd GmbH/Fabuens GmbH)	Scalable and energy-saving manufacturing approach for monolithic polymer components
13:25 - 14:05	Oliver Haupt (Coherent LaserSystems GmbH & CO KG)	Keynote: UV-Lasers for Green Energy and Display Applications
14:05 - 14:45	Panel Discussion (Moderator: Olga Raz, OPTICA)	
14:45 - 15:05	Networking Break "Coffee2Talk"	
15:05 - 15:35	Erik Beckert (Fraunhofer IOF)	Artificial Intelligence enhanced, energy efficient and sustainable growth of laser crystals
15:35 - 16:05	N.N.	tbd (blocked)
16:05 - 16:45	<i>Henry Helvajian (Aerospace Corp.)</i>	Keynote: <i>Photonics Technologies can Facilitate the Development of a Sustainable Eco-System in Outer Space</i>
16:45 - 16:50	Closing Remarks Day 2	

Day 3	Action Item / Speaker	Presentation
9:00 - 9:30	Johannes Verst (QBN)	Quantum Technologies' Impact on a Sustainable and United Future
9:30 - 10:00	N.N.	tbd (blocked)
10:30 - 11:00	N.N.	tbd (blocked)
11:00 - 11:30	Networking Break "Coffee2Talk"	
11:30 - 11:50	Miro Taphanel (Gixel)	Augmented reality: the invisible environmental impact of smart and immersive eyewear technology (contributed)
11:50 - 12:10	Joachim Hansen (Kubus Group)	Planning 4.0 – interfaces for the digital building (contributed)
12:10 - 12:30	N.N. (Industry Consortium)	tbd (blocked)
12:30 - 13:15	Networking Lunch Break	
13:15 - 13:45	<i>Mangirdas Malinauskas (University Lithuania)</i>	<i>Non-photosensitized plant-based resins for green multi-photon 3D lithography</i>
13:45 - 14:05	N.N.	tbd (contributed)
14:05 - 14:35	N.N.	tbd
	Closing Remarks Day 3	
	Networking Break "Coffee2Talk"	
15:15 - 16:15	N.N. Company Tour	tbd
	End of Workshop	