

21-sep-2022	Program Photonics Conference		
ASML			
<i>'Something for everyone'</i>			
08:30	Registration at Building 7		
Opening	Welcome		
09:30 - 09:40	Arie den Boef and Ron van der Kolk ASML and PhotonicsNL		
	Chairman of the day: Prof. dr. Arie den Boef		
	Key note I		
09:40 - 10:00	Dr. Maarten Voncken ASML Chips industry, ASML and Photonics & Optics		
	Key note II		
10:00 - 10:15	Dr. Irwan Setija ASML Exploring photonic sensing methods in wafer metrology		
	Terahertz Optics & Photonic systems		
	Session chair: Dr. Gerrit Polder		
10:15 - 10:35	Prof. dr. Jaime Gómez Rivas Eindhoven University of Technology Is it possible to make a perfect optical cavity?		B2B matchmaking
10:35 - 10:55	Dr. Pierre Gellie Lytid (France) THz applications of CW lights sources		
10:55 - 11:15	Dr. Dook van Mechelen Eindhoven University of Technology The path of THz technology to the consumer market		
11:15 - 11:45 Break	Exhibition Poster Presentations		
	Free space optical communication		
	Session chair: Arie den Boef		
11:45 - 12:05	Dr. Wim Korevaar TNO Optical Laser Communications - Photonics to Enable the Next Generation of Laser Communication Terminals		B2B matchmaking
12:05 - 12:25	Dr. Ketema Mekonnen TNO Steered narrow optical beams for next generation indoor wireless communication		
12:25 - 12:45	Prof. Jean-Paul Linnartz Signify Densifying wireless access: optical beams as a logical next step towards massive IoT		
12:45 - 14:00 Lunch break	Exhibition		
	Key note III		
14:00 - 14:15	Drs. Ewit Roos PhotonDelta Semiconductor sovereignty in Europe and the significance of integrated photonics and the Dutch National Growth Fund		
	Quantum Photonics		
	Session chair: Prof. dr. ir. Herman Offerhaus		
14:15 - 14:35	Prof. dr. ir. Martijn Heck Eindhoven Hendrik Casimir Institute Photonic integration for quantum technology		B2B matchmaking
14:35 - 14:55	Prof. dr. Erik Bakkers Eindhoven University of Technology Towards lasing from hexagonal SiGe		
14:55 - 15:15	Associate Prof. dr. Jan Klaers Twente University Coherent network computing for the solution of optimization problems		
15:15 - 15:35	Dr. Pieter de Witte Quantum Delta Introduction to Quantum Delta NL		
15:35 - 16:05 Break	Exhibition Poster Presentations		

	In vivo optics	
	Session chair: Prof. dr. Johannes de Boer	
16:05 - 16:15	Prof. dr. Ruud Verdaasdonk <i>TechMed Center, Twente University</i> MDR regulations impact on photonics devices for healthcare	B2B matchmaking
16:15 - 16:35	Dr. Ata Chizari <i>Twente University</i> Wireless perfusion imaging to assist plastic surgeons during free flap breast reconstruction	
16:35 - 16:55	Dr. Daniel Martijn de Bruin <i>Amsterdam UMC</i> Optical Coherence Tomography during urological surgery	
16:55 - 17:15	Asst. Prof. Imran Avci <i>VU Amsterdam</i> Photonic chips for diagnostic applications	
<i>Final</i>	Poster winner, snacks & drinks	
17:15 - 18:30		