



# Program Wednesday 28 March

(All presentations will be in English)

## Impact of Photonics on Industry

09.00	Start registration and opening Exhibition				
09.45-10.15	The impact of photonics in lithography <i>Arie den Boef, ASML Netherlands BV</i>				
10.15-10.40	Coffee / Knowledge Exhibit				
Theme	Integrated Photonics	Optical Communication	Solid State Lighting Technology	Photonics Business Development 'Best Practices'	
Brokerage	11.00-11.20	A heterogeneous silicon photonics platform for applications in communication and sensing <i>Gunther Roelkens, Ghent University</i>	High-Capacity Radio over 1mm-Core Diameter Plastic Optical Fiber for In-Home Networks <i>Yan Shi, COBRA Research Institute, Eindhoven University of Technology</i>	Is your optical design toolbox complete? <i>Alyona Ivanova, Philips Lighting</i>	11.00-11.20 Market pull or Technology push? <i>Benno Oederkerk, Avantes BV</i>
	11.20-11.40				11.20-11.40 Realizing a spin-off: From invention to innovation <i>Marijn van Os, Innoluce BV</i>
	11.30-11.50	Silicon Photonics and the open IPKISS design framework <i>Wim Bogaerts, Ghent University-imec, Center for Nano-and Biophotonics, Belgium</i>	Optimizing the FTTH Business Case with Modular Optical Gateways <i>Bas Huiszoon, Genexis BV</i>	International harmonization of SSL Performance Testing <i>Daniël Bos, VSL, the Dutch Metrology Institute</i>	11.40-12.00 Realizing a spin-off: never a dull day! <i>Wouter Rensen, Akeso Medical Imaging</i>
12.00-12.20	Innovative sensor technology for the (drinking) water industry <i>Marcel Klein Koerkamp, Optisense</i>	Integrated microwave photonic signals processing for broadband phased array antenna systems <i>Chris Roeloffzen, Satrax</i>	Designing Sustainable LED Luminaires <i>Gert Huysmans, ETAP NV Belgium</i>	12.00-12.20 The do's and don'ts of Intellectual Property protection of new Photonic Innovations <i>Maarten Ketelaars, Nederlandsch Octrooibureau</i>	

12.20-14.30	Lunch at the Exhibition		
			Workshop Computer Vision
14.30-15.00	The Key Enabling Technology Photonics <i>Egbert-Jan Sol, TNO Eindhoven</i>		14.30-15.30 <b>Workshop 1: Computer Vision</b> <i>Jaap van de Loosdrecht, Knowledge Centre Computer Vision - NHL Hogeschool Leeuwarden</i>
15.00-15.10	Knowledge Exhibit		
			15.30-16.30 <b>Workshop 2: Computer Vision</b> <i>Jaap van de Loosdrecht, Knowledge Centre Computer Vision - NHL Hogeschool Leeuwarden</i>
Theme	Metrology & Sensing	Photovoltaics	
15.10-15.30	Dynamic Wavefront Aberrations under Control <i>Michel Verhaegen, Delft University of Technology</i>	Laser processes for solar cells <i>Johan Bosman, ECN</i>	Metal Additive Manufacturing <i>Jonas Van Vaerenbergh, LayerWise NV, Belgium</i>
15.40-16.00	The maturing of photonics <i>Mirvais Yousefi, Photonics Sensing Solutions</i>	Periodic textured glass substrates with advanced light trapping ability for thin-film solar cells <i>Mark Steltenpool, OM&amp;T / Moser Baer Technologies</i>	Rotating scanner for dense patterning and dense micro-drilling applications <i>Ronny De Loor, Next Scan Technology</i>
16.10-16.30	Fibre Optic sensors and Composites: A perfect match!? <i>Geert Luyckx, Com&amp;Sense</i>	UV-imprinting for Photovoltaics, Micro-optics, LED-packaging and Micro-fluidics <i>Michel van de Vorst, Wafer Based Solutions</i>	The design of a laser system that meets the production speed of a machine <i>Arnoud Augustinus, IAI industrial systems BV</i>
16.30-17.00	Informal drink at the Exhibition		

Brokerage

Matchmaking /Workshop