

# DSPE

DUTCH SOCIETY FOR PRECISION ENGINEERING

YOUR PRECISION PORTAL

# OPTICS WEEK 2017

THIRD EDITION

23 - 26 OCTOBER 2017  
RWTH AACHEN, GERMANY

## A week full of optics and optomechanics in Aachen



### Partners



TIME	ACTIVITY	
	Chairman: Prof.dr. Jos Benschop, Sr. Vice President Technology ASML	 Jos Benschop
09.00 – 09.30 hrs	Welcome and registration   Visit to the exhibition	
9.35 – 09.50 hrs	Opening Prof.dr. Paul Urbach, sectionleader Optical, Delft University of Technology, President European Optical Society EOS	 Paul Urbach
09.50 – 10.20 hrs	Self-optimizing assembly strategies for tomorrow 's optical systems production Dr.Ing. Oliver Puetsch M.Sc., Chair for Technology of Optical Systems Fraunhofer Institut für Lasertechnik ILT	 Oliver Puetsch
10.20 – 10.50 hrs	3D printing – a new way to realize complex shaped optical components Prof. Dr. Andreas Heinrich, Head Centre of Optical Technologies Aalen University	 Andreas Heinrich
10.50 – 11.30 hrs	Coffee Break   Visit to the exhibition	
11.30 – 12.00 hrs	Adaptive Optics in Industrial Applications Dr.ing. Léon Woldering, groupleader Focal & optical engineer at DEMCON/Focal	 Léon Woldering
12.00 – 12.30 hrs	Thermal Effects in Optical Systems and their Compensation Bernd Garnzin, Head of Optical Design FISBA AG	 Bernd Garnzin
12.30 – 14.00 hrs	Lunch   Visit to the exhibition	
14.00 – 14.30 hrs	Investigation of Optomechanical material properties for high-precision experiments Jun. prof. Stefanie Kroker, Juniorprofessor and head of research group Metrology for functional Nanosystems PTB and Technical University of Braunschweig	 Stefanie Kroker
14.30 – 15.00 hrs	Thin film stress of complex optical coatings: impact and compensation mechanisms Dr. Martin Bischoff, Researcher Qioptiq	 Martin Bischoff
15.00 – 15.30 hrs	STOP analysis James Day, optical designer TNO	 James Day
15.30 – 16.00 hrs	Coffee break   Visit to the exhibition	
16.00 – 16.30 hrs	From nano-world specifications to a real-world optics system Ralf Zweeping, Mechatronics Architect for Lithography Optics at ZEISS SMT GmbH	 Ralf Zweeping
16.30 – 17.00 hrs	Lighthouse: production of radio-isotopes with a superconducting electron accelerator Dr.ir. Patrick de Jager, Sr. Director New Business ASML	 Patrick de Jager
17.00 – 17.10 hrs	Conclusions of the day Prof.dr. Jos Benschop, Sr. Vice President Technology ASML	
17.10 – 18.00 hrs	Final drinks   Visit to the exhibition	
18.30 – 21.00 hrs	Diner in Aachen Costs (incl. drinks) €75,- payment via registration	