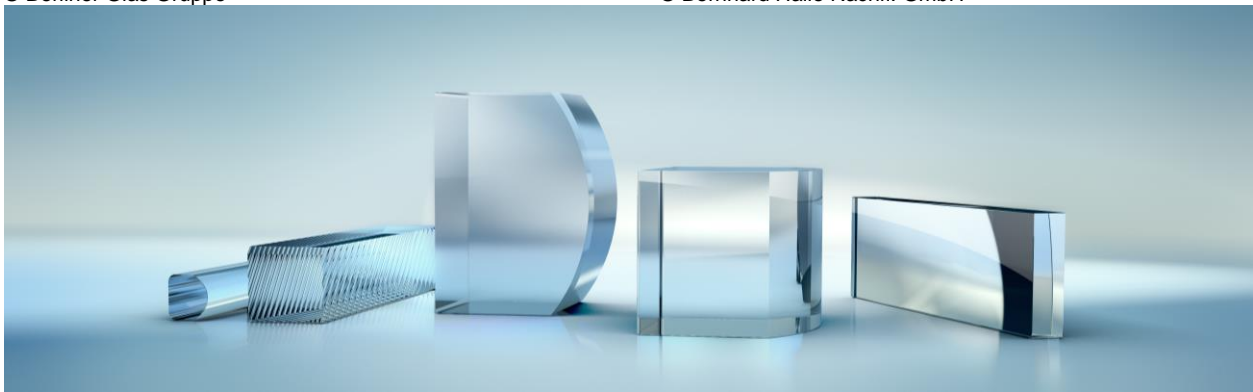


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WORKSHOP

INNOVATIVE OPTICAL COMPONENTS AND TECHNICAL OPTICS

18th October 2017

WISTA
Rudower Chaussee 17
12489 Berlin

Part of the Photonic Days Berlin Brandenburg
THE WORKSHOP WILL BE HELD IN ENGLISH

THE GERMAN CAPITAL REGION
excellence in photonics

Program

09:30 - 9:45	registration // coffee // exhibition
9:45 - 10:00	Welcome Dr. Frank Lerch, Cluster Optik/OpTecBB
10:00 - 10:20	Innovative optical components and sub-systems for space and laser applications Dr. Rainer Schuhmann, Berliner Glas KGaA Herbert Kubatz GmbH & Co.
10:20 - 10:40	Automated micro assembly of optical component – collimator optics for diode laser bars Tobias Honig, FISBA AG
10:40 - 11:00	Customized broadband achromatic waveplates for short laser pulses Jakob Silbermann, Bernhard Halle Nachf. Optische Werkstätten
11:00 - 11:30	Coffee and exhibition
11:30 – 11:50	Using 3D Printing Technology to merge AR/VR eyewear with prescription lenses Peter Paul Cornelissen, Luxexcel
11:50 - 12:10	Manufacturing optical gratings using ultra precision cutting Dr. Dirk Oberschmidt, Fraunhofer IPK
12:10 - 12:30	Opto ceramic materials – innovation potential for new optical systems Dr. Uwe Reichel, Fraunhofer-Institut für Keramische Technologien und Systeme IKTS
12:30 – 12:50	Novel crystals for tailored solid state lasers Dr. Christian Kränkel, Zentrum für Lasermaterialien - Kristalle (ZLM-K) am Leibniz-Institut für Kristallzüchtung (IKZ)
12:50 - 13:50	Lunch & exhibition
13:50 - 14:10	Diffractive optical elements for beam-splitting and structured illumination: Design, manufacturing, applications Andreas Hermerschmidt, HOLOEYE Photonics AG
14:10 - 14:30	Precise design of diffractive optics and nanophotonic setups using finite-element technology Dr. Sven Burger, JCMwave GmbH
14:30 - 14:50	Design and simulation of optical systems and components for interferometry Dr. Goran Bastian Baer, Baer - Optical Engineering
14:50 – 15:10	Optics design and optimization for medical technology, metrology, and material processing Dr. Volker Raab, Raab-Photonik GmbH
15:10 – 15:40	Coffee and exhibition
15:40 – 16:00	Miniaturization of opto-electronic devices applying Si-micro mechanics Dr. Jörg-Reinhardt Kropp, InBeCon GmbH
16:00 – 16:20	VirtualLab Fusion – Fast Physical Optics Software Prof. Frank Wyrowski, Universität Jena and LightTrans International
16:20 – 16:40	Measuring and testing of surfaces, components and systems in optics and related areas Thomas Blümel, TRIOPTICS Berlin GmbH
16:40 – 17:00	Flexible equipment for testing of optical parameters of single lenses and optical systems Dr.-Ing. Stephan Rothe, OEG Gesellschaft für Optik, Elektronik & Gerätetechnik
17:00 – 17:20	Automated manufacturing of single- and multi-mode fiber components for laser and beam delivery systems and optical networks Dr.-Ing. Thomas Theeg, FiberBridge Photonics GmbH
17:20 -	Wrap up, final discussion, networking
18:00	Photonic Days Berlin Brandenburg Reception at WISTA

RÜCKANTWORT

Workshop

Innovative optische Komponenten und technische Optik

Am Mittwoch, 18.10.2017

WISTA

Rudower Chaussee 17

12489 Berlin

Rücksendung in je d e m Fall erbeten bis 13.10.2017 an OpTecBB

Anmeldung:

http://optecbb.de/lang/de/anmeldung_20171018_innovative_optische_komponenten.php

oder an OpTecBB e.V., Hr. Reschke: optecbb@optecbb.de, Fax: +49-30-6392-1729

Name, Vorname:

Titel:

Institution/Firma:

Anschrift:

Tel./FAX:

E-Mail:



Dieses Projekt wird im Rahmen der "Gemeinschaftsaufgabe zur Verbesserung der regionalen Wirtschaftsstruktur" (GRW) hälftig mit Mitteln des Bundes und des Landes Berlin finanziert.