

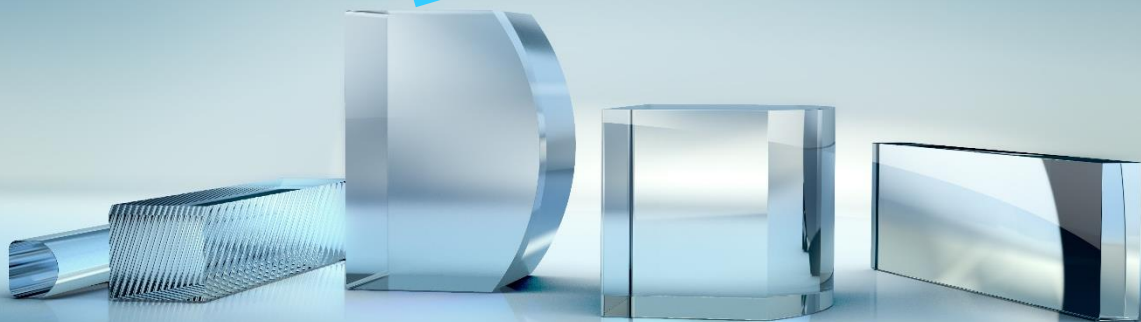
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**18.10.2017**  
**Newton-Kabinett**  
Rudower Chaussee, 17  
12489 Berlin-Adlershof

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## Workshop

„INNOVATIVE OPTICAL COMPONENTS AND  
TECHNICAL OPTICS“

# Workshop

## „INNOVATIVE OPTICAL COMPONENTS AND TECHNICAL OPTICS“

18.10.2017 | PROGRAMME

09:30 – 09:45	<b>Registration / Exhibition / Coffee</b>
09:45 – 10:00	<b>Welcome</b> Dr. Frank Lerch, Cluster Optik und Photonik / OpTecBB e.V.
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	<b>Coffee break &amp; Exhibition</b>
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	<b>Lunch &amp; Exhibition</b>
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	<b>Coffee break &amp; Exhibition</b>
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

<b>16:40 – 17:00</b>	Flexible equipment for testing of optical parameters of single lenses and optical systems Dr.-Ing. Stephan Rothe, OEG Gesellschaft für Optik, Elektronik & Gerätetechnik
<b>17:00 – 17:20</b>	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
<b>17:20 – 18:00</b>	<b>Wrap up / final discussion / Networking</b>
<b>Ab 18:00</b>	<b>Photonic Days Evening reception at WISTA Bunsensaal</b>

The workshop language is English. Admission to the event is free, but early [registration](#) is required.

**Venues:**

WISTA – Raum Newton-Kabinett  
Rudower Chaussee 17  
12489 Berlin

**Contact person:**

Dr. Frank Lerch  
OpTecBB e.V.  
Tel.: +49 30 6392 1728  
E-Mail: [lerch@optecbb.de](mailto:lerch@optecbb.de)

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## RÜCKANTWORT

### Workshop

„Innovative optical components and technical optics“

Mittwoch, 18. Oktober 2017

WISTA, Raum ...

Rudower Chaussee 17

12489 Berlin-Adlershof

**Anmeldung bitte bis zum 13.10.2016**

Online-Anmeldung unter:

[http://optecbb.de/lang/de/anmeldung\\_20171018\\_innovative\\_optische\\_komponenten.php](http://optecbb.de/lang/de/anmeldung_20171018_innovative_optische_komponenten.php)

**ODER direkt an:**

Herrn Reschke, OpTecBB e.V.

E-Mail: [optecbb@optecbb.de](mailto:optecbb@optecbb.de)

Fax: +49-30-6392-1729

Name, Vorname:

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Titel:

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Institution/Firma:

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Anschrift:

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