

[Surface processing]

Surface processing with advanced laser technologies is the enabling and often performance determining manufacturing step in many high tech markets and applications. The success formula for any technology is bridging the gap between depositing, structuring or modifying a surface and achieving industrial processing rates, yield and throughput.

This workshop will give insight in the latest laser surface processing approaches and technologies from a wide range of industries and aims at fostering mutual understanding and fruitful discussions about the challenges of designing and manufacturing surfaces.



Line beam optics assembly in Göttingen (Image: coherent)

[How to get there]

Coherent LaserSystems GmbH & Co. KG
Hans-Böckler-Straße 12, 37079 Göttingen



[Organisation]

PhotonicNet GmbH

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[In cooperation with]

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Photonic-Net

Innovationsnetz Optische Technologien

IN COOPERATION WITH



SURFACE PROCESSING

[Göttingen, June 14, 2017]



[Schedule]

<p>Welcome 10:00 Dr.-Ing. Thomas Fahlbusch <i>PhotonicNet GmbH, Hannover</i></p>	<p>High-speed laser surface functionalization with ultrafast lasers and innovative optics 13:30 Dr.-Ing. Arnold Gillner <i>Fraunhofer ILT, Aachen, Germany</i></p>
<p>Excimer lasers made in Göttingen 10:10 Rainer Pätz, Dr. Ralph Delmdahl, Dr.-Ing. Oliver Haupt <i>Coherent LaserSystems GmbH & Co. KG, Göttingen</i></p>	<p>UV-laser pre-treatment of CFRP parts for adhesive applications 14:00 Markus Veltrup, Dr. Thomas Lukasczyk <i>Fraunhofer IFAM, Bremen, Germany</i></p>
<p>Micro- and Nanopatterning of Surfaces by Short and Ultrashort UV Laser Pulses 10:30 Dr. Jürgen Ihlemann <i>LLG Laser-Laboratorium Göttingen e.V., Göttingen</i></p>	<p>Production and applications of fiber Bragg gratings 14:30 Per Karlsson (1), Remco Nieuwland (2) (1) <i>NorthLab Photonics AB, Nacka, Sweden;</i> (2) <i>Hittech Multin BV, Den Haag, NL</i></p>
<p>Coffee break 11:00</p>	<p>Coffee break 15:00</p>
<p>Upscaling PLD for manufacturing of superconducting tapes 11:20 Dr. Sergey Lee <i>SuperOx Japan LLC, Tokyo, Japan</i></p>	<p>Wide scalability of Nikon optical materials 15:20 Yoshikazu Ueda Nikon Precision Europe GmbH, Langen, Germany</p>
<p>PLD-Preparation of Carbon Based Multilayered Coatings 11:50 Prof. Dr. Steffen Weißmantel, René Bertram <i>Hochschule Mittweida, Mittweida, Germany</i></p>	<p>Surface processing using short and ultra-short pulsed lasers 15:40 Dr.-Ing. Roland Mayerhofer ROFIN-BAASEL Lasertech GmbH & Co. KG, Gilching, Germany</p>
<p>Lunch break 12:20</p>	<p>Factory Visit 16:00 Coherent Göttingen</p>
	<p>End 17:00</p>

[Registration]

Binding Registration
 Please register until **May 31st 2017** the latest

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or **ONLINE**

E-Mail: veranstaltung@photonicnet.de

I will attend the workshop

 Name

 Company / Institution

 Address

 Postal Code, City

 Phone No.

 E-Mail

 Member of competence network OT

 Date / Signature

Venue:
 Coherent LaserSystems GmbH & Co. KG
 Hans-Böckler-Straße 12
 37079 Göttingen

PARTICIPATION FEE (plus VAT 19%):

290,00 € per person
 230,00 € per person for Members of competence network OT