



NTB



**Interstaatliche Hochschule
für Technik Buchs**

FHO Fachhochschule Ostschweiz

Organized by:



RhySearch

Das Forschungs- und
Innovationszentrum Rheintal

SWISS PHOTONICS

Optical Coatings for Laser Applications

Workshop
Thursday, 11th June 2015
13:30 - 19:30
(incl. Apéro riche)

Venue

NTB

Interstate University of
Applied Sciences Buchs
Werdenbergstrasse 4
9471 Buchs SG
Switzerland



New LIDT Measurement System at NTB

Based on a CTI-Project under the leadership of RhySearch, a Laser Induced Damage Threshold (LIDT) measurement facility is being developed. The inaugural workshop, jointly hosted by NTB, RhySearch and Swissphotonics, is intended as an opportunity to present the LIDT system and contains presentations by highly reputed speakers in the field of optical coatings. It also offers the opportunity for furthering communication and networking between industry and research groups. The workshop is geared towards technically interested engineers and scientists working with laser optics, their characterization as well as high-end optical thin film deposition.

We look forward to welcoming you at the NTB in Buchs.

Programme

13:00	Arrival of guests, welcome coffee (Sponsored by Swissphotonics)
13:30	<i>Welcome note</i> Prof. Dr. A. Ettemeyer, Institute PWO, NTB Buchs Dr. Ch. Harder, Swissphotonics
13:40	<i>Keynote Lecture:</i> <i>Standardisation in Optics Characterisation</i> Prof. Dr. D. Ristau, Laser Zentrum Hannover
14:10	<i>OPTICS: OPTical IBS Coatings for Swiss research</i> Prof. Dr. T. Südmeyer, Time-Frequency Laboratory, University of Neuchâtel
14:40	<i>LIDT Testing at NTB Interstate University of Applied Sciences, Buchs</i> Dr. R. Botha, Institute PWO, NTB Buchs
15:00	Coffee break and visit to the LIDT test bench (Sponsored by Swissphotonics)
16:00	<i>Progress on the Manufacture of Optical Coatings</i> Prof. Dr. N. Kaiser, Fraunhofer IOF
16:30	<i>Optical Coatings for Watch Parts: Wear Resistance and Laser Damage Behaviour</i> Dr. G. Dumitru, Blösch AG
17:00	<i>Ion-Beam Sputtering in the Industrial Production</i> Dr. V. Scheuer, NANEOPrecision IBS Coatings GmbH
17:30	<i>Conclusion</i> Dr. R. Quaderer, CEO, RhySearch
17:40	Apéro riche (Sponsored by Swissphotonics)



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Register for the Workshop: Optical Coatings for Laser Applications 2015 11th June 2015

Online registration can be done through the Institute PWO NTB Buchs
or Swissphotonics:
www.ntb.ch/pwo/ocla-e
<http://www.swissphotonics.net>

Alternatively, please complete the following form and send it via E-mail or
ordinary mail to:

Registration by E-Mail: elsbeth.zogg@ntb.ch

Registration by Post: Institute PWO, Werdenbergstrasse 4, CH-9471 Buchs SG

Title, Name, Surname

Company/Institute

Street address

Town, Postal Code

Country

Telephone

E-Mail

Date

Registration closes on 05.06.2015



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General Information

Location	NTB Interstate University of Applied Sciences Buchs Werdenbergstrasse 4 9471 Buchs SG Switzerland
Cost	Free of charge. For organizational purposes, please register
Workshop Language	English
Contact Person	NTB Institute PWO Elsbeth Zogg Werdenbergstrasse 4 CH-9471 Buchs SG +41 81 755 34 50 elsbeth.zogg@ntb.ch

Access to NTB

By car:

A13, exit Buchs / Schaan. Parking is available.

By public transport:

SBB Train station: Buchs SG.

From the train station to NTB take bus NFB300 (connection runs every 30 min.)
or walk to NTB (ca. 10 min.)