



Wednesday, 04.11.2015

Workshop on

# High Throughput and High Precision Laser Micromachining with Ultra Short Pulses

- 09:30: Registration, Coffee
- 10:00: Welcome, Talks
- 11:20: Lunch (sponsored by APPOLO)  
Lab Tour
- 13:10 Talks
- 14:50 Networking brake (sponsored by BFH)
- 15:20 Talks
- 17:00 Apéro riche (sponsored by swissphotonics)

**Veue:** Bern University of Applied Sciences, Auditorium,  
Pestalozzistrasse 20, CH-3400 Burgdorf



## Program:

- **Moderation**  
Dr. Christoph Harder, Dr. Gediminas Raciukaitis
- **High Efficient and High Quality Surface Structuring of Metals**  
Dr. Beat Neuenschwander, Bern University of Applied Sciences
- **Shedding Light on Pulse Bursts**  
Thorsten Kramer, Bern University of Applied Sciences
- **Applications in watch industry : Demands on processes and machines**  
Dr. Gabriel Dumitru, BCI - Group W. Blösch
- **Laser for the Future, towards 1 kW UKP Power**  
Dr. Marwan Abdou-Ahmed, ifsw University of Stuttgart
- **Ultra fast laser solutions for microprocessing**  
Dr. Kurt Weingarten, Lumentum
- **High Power Ultra-Short Pulsed Lasers**  
Dr.-Ing. Claus Schnitzler, Amphos GmbH
- **Polygon Scanners: Capabilities, applications and system considerations**  
Lars Penning, Next Scan Technology
- **New Generation Galvo Scanning Technology**  
Dr. Christoph Wieken, Scanlab AG
- **Spatial Light Modulators in Laser Microprocessing**  
Dr. Grigory Lazarev, Holoeye Photonics AG
- **Innovative beam forming concepts**  
Dr. Jens Holtkamp, Pulsar Photonics GmbH
- **Ultrafast Beam Modulation and delivery for printing and embossing applications**  
Dr. Guido Hennig, Daetwyler Graphics AG
- **Laser equipment for microprocessing**  
Dr. Thomas Bewer, Trumpf Maschinen AG
- **Sensor based adaptive laser micromachining using ultrashort pulse lasers for zero-failure manufacturing**  
Guilherme Mallmann, Fraunhofer IPT

**Registration:** [www.swissphotonics.net/workshops/workshop-datenbank?2213](http://www.swissphotonics.net/workshops/workshop-datenbank?2213)

