



# SWISS PHOTONICS

## High speed / high precision – Laser Microfabrication

- 13:00 **Beat Lüscher**, coordinator SNAP, FHNW, Windisch AG  
*Welcome*
- 13:00 **Prof. Dr. Patrik Hoffmann**, EMPA Thun BE  
**Chair Session 1: Laser Micromachining Applications**
- 13:05 **Dr. Andreas Oehler**, JDSU Zurich – Time-Bandwidth Products  
*Ultrafast beam deflection for efficient picosecond laser processing*
- 13:25 **Dr. Mark Richmond**, JK Lasers, part of the GSI Group  
*Smart Fiber Lasers for Micro Machining Applications*
- 13:45 **Dr. Thomas Bewer**, TRUMPF Maschinen AG  
*Laser Micro Machining in the Watch Industry*
- 14:05 **Networking Break 30'**
- 14:35 **Prof. em. Dr. René Salathé**, EPFL and Grizzly Photonics GmbH  
**Chair Session 2: Surface Structuring, Polishing, and Laser sintering**
- 14:40 **Ingo Ross**, Fraunhofer-ILT  
*Prospects of Laser Polishing for Small and Complex Shaped Parts*
- 15:00 **Dr. Gabriel Dumitru**, BCI Group – W. Blösch AG  
*La structuration Laser du saphir: applications et défis*
- 15:20 **Prof. Dr. Patrik Hoffmann**, EMPA Thun BE  
*Mask Projection Surface Structuring*
- 15:40 **David Fletcher**, Cooksongold of the Heimerle + Meule Group  
*Progress in Direct Metal Laser Sintering for Jewellery & Watch Industry*
- 16:00 **Apéro, offered by Swissphotonics**