

September 2015

Yearly Report of the Swiss Photonics National Lab SNOP

Mission

- Establish, support and expand industry contacts and networks in the photonics area.
- Establish as development and research partner for Swiss photonics industry.

Team

- Thomas Südmeyer, Uni Neuchâtel, Time and Frequency Laboratory
- Hans-Peter Herzig, EPFL Neuchâtel, Optics and Photonics Technology Laboratory OPT
- Andreas Etmeyer, NTB Buchs, Inst. für Produktionsmesstechnik, Werkstoffe und Optik PWO

Main achievements

- Excursion to new DIBS lab of Thomas Südmeyer in Regenstorf
- Establishment of new "Photonik Kolloquium" at NTB Buchs: open talks for people interested in photonics and get together of employees from photonics industries; typically 50 participants, event every month.
- Continuation of Rheintal Photonics Round Table at NTB, discussion forum for photonics industry leaders from Eastern Switzerland
- First conference "Optical Coatings for Laser Applications 2015" at NTB, 80 participants
- Successful conference/exhibition "Fachtagung Produktionsmesstechnik" at NTB
- Preparation and start of new bachelor education program "Photonik" at NTB Buchs as response to demand by Swissmem Photonics group, development of curriculum and receive official agreement by authorities
- Start of optical coatings competence and research center with a first project (LIDT) together with RhySearch

Next steps

- Continuation of successful events
- Try to establish "Optical Coatings for Laser Applications" as regular annual meeting (Topical Meeting at EOS?)
- Further development of optical coating center by adding DIBS coating capabilities and high end analytic labs