

# **SLN Workshop**

Laser Micromachining

**Welcome**



# The SLN association

SLN – **S**wiss **L**aser and Photonics **N**etwork

is a R&D consortium, recognized and supported by the CTI and has actual 69 members (2/3 industrial);


serves the entire field of photonics, including photonic manufacturing, optical input/output, optical communication, photovoltaics and lightning;

serves companies, research facilities, and universities by supporting them in finding research partners and funding;

eases and supports the networking within the Swiss photonic cluster and establishes contacts to national and international partners and networks;

commits to serve as a lobby for the Swiss Photonic industry.





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SLN (Swiss Photonics and Laser Network) is a non-profit association. It serves as a network for a common vision and for growth of the **photonics industry and institute cluster in Switzerland**. It is the declared goal of the SLN, to promote the competitiveness and the chances for growth of its members through the support of the innovation forces.

- SLN was started by Swiss institutes active in the field of material processing with laser beam tools (photonic manufacturing and photonic toolmakers). Today, SLN serves the **full field of photonics**, including photonic manufacturing, optical input/output (imaging and photonic life science), optical communication, photovoltaics and lightning.
- SLN serves companies, research facilities, and universities in the field of photonics from basic science over applied science, technology development, manufacturing and selling of photonic components and applications. SLN supports them in finding research partners and funding.
- SLN eases and supports the networking within the Swiss photonic cluster and establishes contacts to national and international partners and networks.
- SLN commits to serve as a lobby for the Swiss Photonic industry and to act as a catalyst for innovation in order to improve the competitive position of its members in the international market.

SLN is supported by the Swiss innovation promotion agency CTI.


### Agenda

- 10.06.2010: Lausanne, Palais de Beaulieu  
Laser Micromachining and Laser Surface Engineering
- 10.06.2010: Universität Bern  
50-Jahre Laser, Tanz der Photonen
- 25.06.2010: Basel  
Plastic Optoelectronics
- 30.06.2010: zhaw,  
Technikumstrasse 9, 8401 Winterthur  
International Simulation Workshop 2010 on Organic Electronics and Photovoltaics

### News:


50th Birthday of the Laser

### Supported by:



Schweizerische Eidgenossenschaft  
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# SNAPP

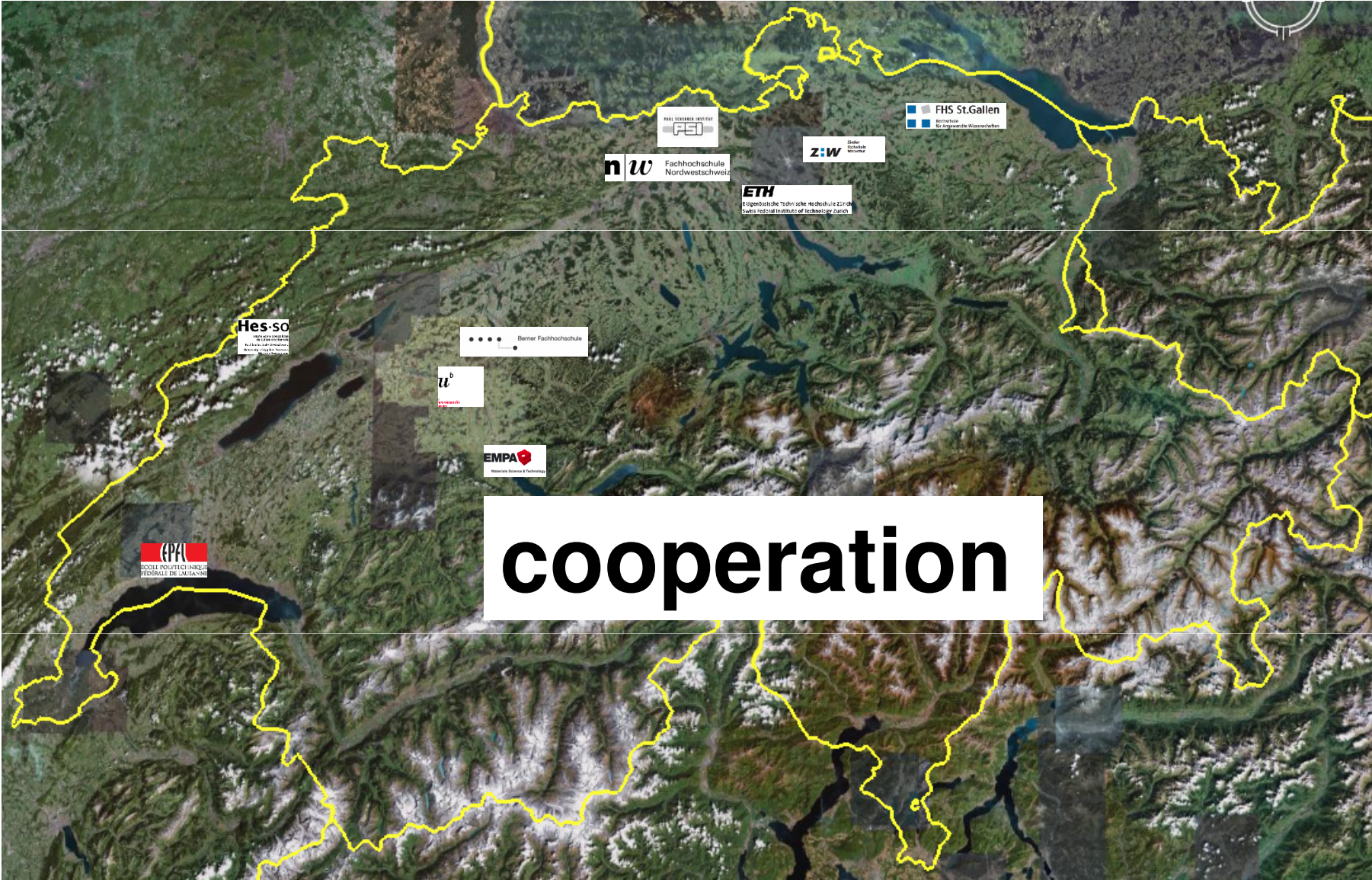
**S**wiss **N**ational **A**pplication laboratory for **P**hotonic tools and **P**hotonic manufacturing.

The Swiss material processing industry has expressed interest in a Swiss national application laboratory for photonic tools and photonic manufacturing (SNAPP) for the following reasons

- near proximity
- continuity of personnel
- protection of know how
- priority of access



# SNAPP



# SNAPP

**S**wiss **N**ational **A**pplication laboratory for **P**hotonic tools and **P**hotonic manufacturing.

At the moment SNAPP consists of the following laboratories:

- EMPA Thun                      Microprocessing with excimer laser  
Dr. Patrick Hoffmann
- UAS Burgdorf                  Microprocessing with ultrashort pulses,  
process development  
Dr. Beat Neuenschwander
- UAS Windisch                  Microprocessing, 3D engraving, integration  
Beat Lüscher
- Inspire (ETHZ)                  Macro- and microprocessing  
Prof. Konrad Wegener

Additional partners (EPFL, Bern University, EMPA Dübendorf ...) have to be included in the next future.



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**Enjoy the talks and  
the networking**

