

SLN Workshop

Laser Micromachining and
Laser Surface Engineering

Welcome

The SLN

The SwissLaserNet SLN society

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

serves the full 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.





The logo for the Swiss Photonics and Laser Network (SLN) features the text "SWISS LASER NET" in a bold, sans-serif font. A red sun-like symbol is positioned between "LASER" and "NET". The background of the logo is a collage of images showing laser beams and sparks from industrial processes.

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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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The SLN logo at the bottom of the page is identical to the one at the top, featuring the text "SLN" with a red sun symbol between the "S" and "N".

SNAPP

Swiss **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

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

SNAPP

Swiss **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 (ETH) Macro- and microprocessing
Dr. Frank Pude

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



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**Enjoy the talks and
the networking**

