

SWISS PHOTONICS



Intelligent efficient solid-state lighting

Pantheon, MuttENZ, December 12, 2016

Christian Bosshard, VP Thin Film Optics, CSEM and
Managing Director Swissphotonics

In cooperation with the CTI



KTT-Support

National thematic networks



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Commission for Technology and Innovation CTI

**BASEL
AREA.
SWISS**

AMTRES



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Swissphotonics is the Swiss National Thematic Network (NTN) for photonics.

It is the declared goal of Swissphotonics to improve the competitiveness of its members through the support of the

- Organizing **Events**: Workshops to foster the interaction within the innovation community, round tables, conferences to provide opportunities for communicating leading edge information.
- Supporting eight **Labs** which act as center of competence and provide single point of contact for members.
- Informing about Swiss and European strategic **Research** agendas, research projects and funding opportunities.
- Providing information about **Funding** opportunities as well as support in the application process.

Swissphotonics is a non-profit association, registered in the Swiss Commercial Register under the name "Swissphotonics Netz". The activities of Swissphotonics are supported by the Swiss innovation promotion agency **CTI** under the **NTN**.

Upcoming events

Monday

[Funding](#), FHNW Olten

[Photonik Kolloquium: Dr. Reinhard Völkel, Buchs](#)

12.12.2016

[SSSL Workshop](#), Pantheon, MuttENZ BL

News

[Website update](#)

19.10.2016: Adding Link to SSSL labor

[Int. Year of the Light 2015](#)

Final report now available

[Day of Photonics \(managed by EPIC\)](#)

21st October: HTW Chur Workshop; NTB Buchs Infostand

Mission: Improve competitiveness of all our members by strengthening the innovation forces to secure and grow industrial workplaces

Swissphotonics: some figures from 2016

- **24 events**
 - Workshops for CTI project partner matching
 - 7000 active e-mail addresses
- **28 new projects with 12.6 Mio CHF**
 - Mentoring of projects
 - submission support (market research reports, technical review, content)
 - Seed money checks and project coaching
- **145 members**
 - In case of interest, see <http://www.swissphotonics.net/about-swissphotonics/becoming-member>



Swissphotonics National Photonics Labs Initiative

SWISS PHOTONICS

Patrik
Hoffmann



**Laser Beam
Production**

Valerio
Romano



Fiber Lab

Rolando
Ferrini



**Solid State
Lighting**

Stefan
Mohrdiek



Packaging

Carsten
Ziolek



**Optics
platform**

Christophe
Moser



**Photonics
Education**

Frank
Nüesch



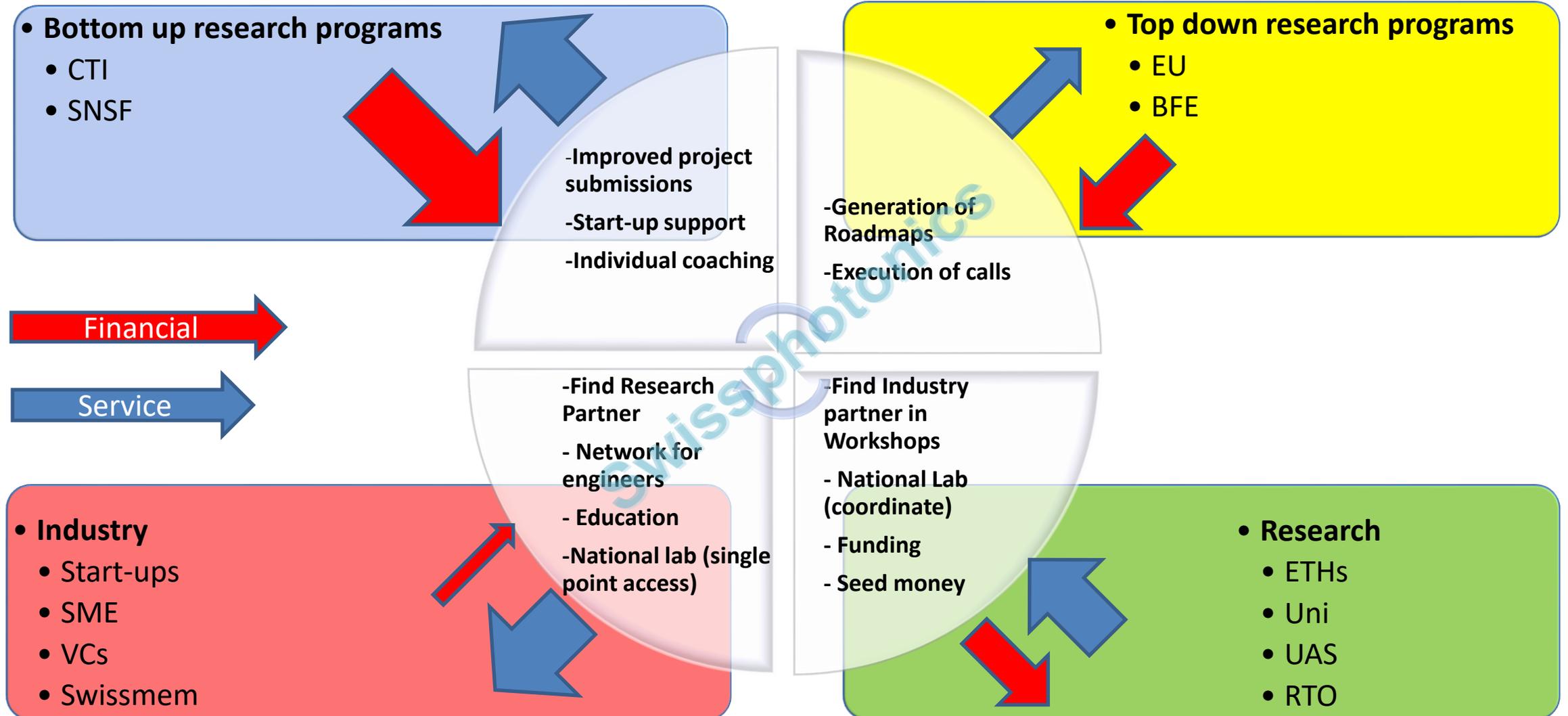
Photovoltaics

Lukas
Novotny



**Optical
Sensors**

Relationship to other Organisations



Some Impact Stories



3D printed jewellery



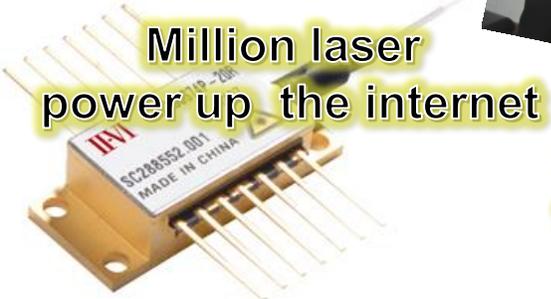
International network



Talk with Tajani: EU commissioner/VP



Lasers for gaming



Million laser power up the internet

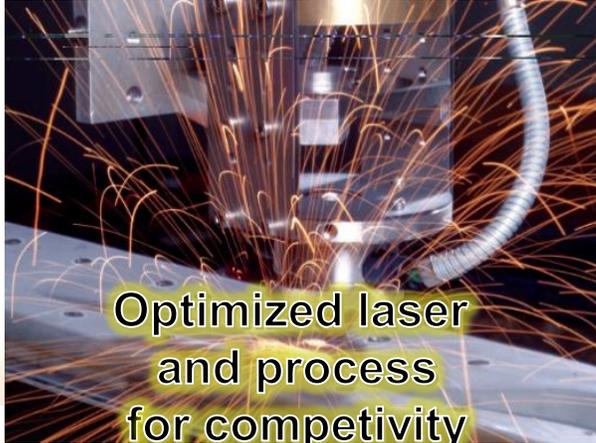
The world's smallest TOF camera



Chipfab in the mountain

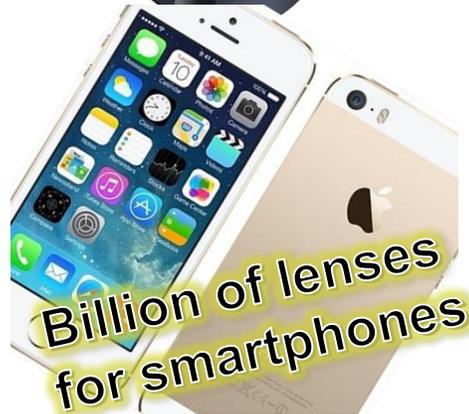


Endoscope camera



Optimized laser and process for competitiveness

250 million lasers for computer mice



Billion of lenses for smartphones

Thank you



- Beni Müller and his team



- Rolando Ferrini, CSEM and Solid State Lighting Lab