Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs FDEA
Federal Office for Professional Education and Technology OPET
Innovation Promotion Agency CTI

SWISSLASER NET

SATW Transferkolleg

- **Identifying innovative technologies**
- **Facilitating academia – industry collaboration**
- **Developing marketable products**

Call for Proposals

Deadline for Submission: 31 July 2008
Please send project proposals by e-mail to
transferkolleg@satw.ch

Attractive for Scientists and Commercial Product Developers

«Industrial Photonics» is already the 5th Transferkolleg, following «Industrial Biotechnology» (2007), «Applied Photonics» (2006), «Nano-structured Surfaces» (2005) and «Nano-Biotechnologies» (2004). The Transferkolleg is a collaborative initiative and workshop intended to facilitate the commercial development of innovative ideas.

The workshops'protective framework and confidentiality agreements allow an intensive exchange of knowledge and experience. Workshop topics include intellectual property rights, prospects for securing CTI-funding, and many others. Participants gain easy access to experts in technology transfer and start building networks. They benefit from an open and intellectually stimulating workshop atmosphere. Past Transferkollegs have featured experts such as Thomas Hinderling (Director CSEM), Karl Knop (previously CSEM), Peter Pfluger (evaluator CTI), Louis Schlapbach (Director EMPA), and Hansruedi Zeller (previously evaluator CTI), among others.

Funded by SATW and CTI

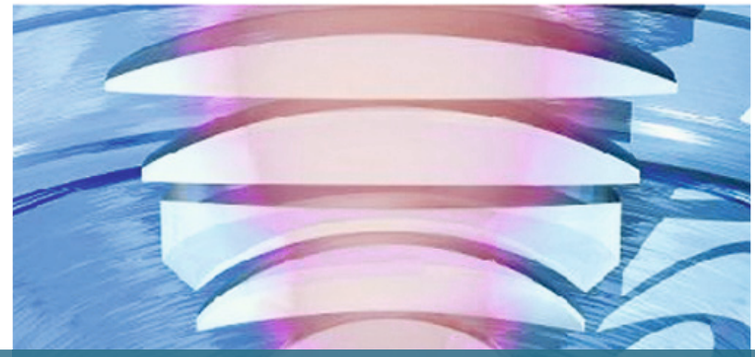
The Swiss Academy of Engineering Sciences (SATW) is a non-commercial, politically independent umbrella organization that brings together institutions, individuals, and specialized companies in Switzerland active in applying and promoting the engineering sciences. Through its Transferkolleg, the SATW aims to encourage contact and collaboration between academic and industrial groups. It thereby furthers many promising developments in their earliest stages.
The Swiss Federal Innovation Promotion Agency (CTI) supports some 400 projects every year, investing a total of nearly 100 million Swiss francs. Its motto «Science to Market» captures its goal of rapidly translating new laboratory discoveries into successful products. The CTI funds a major part of the costs of the Transferkolleg

Contacts

Christoph Harder (Project Manager)
harder@swisslaser.net, Phone 079 219 9051

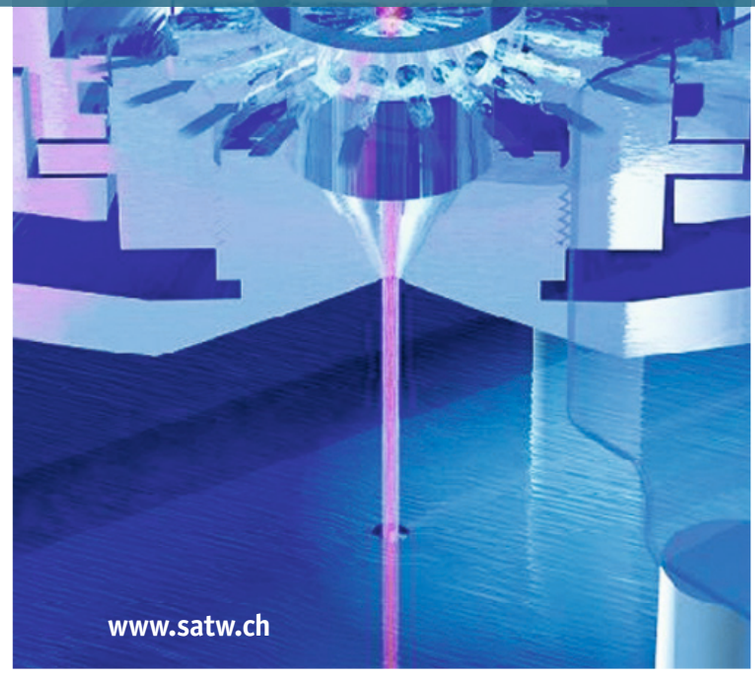
Franziska Keller (Administrator)
transferkolleg@satw.ch, Phone 044 226 5013

Gestaltung: vista point, Basel / Bilder: Lasag, Sulzer Innotec, Trumpf, Synova, Brystronic, PSI, CSEM Alpnach



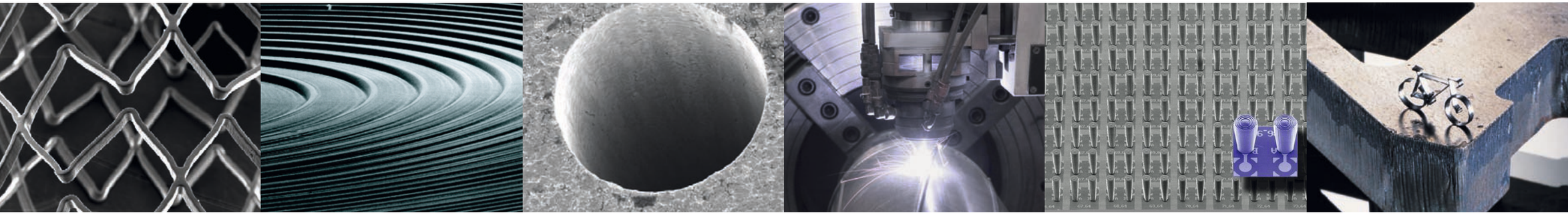
SATW Transferkolleg 2008

Industrial Photonics



SATW
Schweizerische Akademie der Technischen Wissenschaften
Académie suisse des sciences techniques
Accademia svizzera delle scienze tecniche
Swiss Academy of Engineering Sciences

Deadline for submitting project proposals
31 July 2008
Notification of acceptance
16 September 2008
Workshop
17 and 18 November 2008



The Transferkolleg at a Glance

The Swiss Academy of Engineering Sciences (SATW) in collaboration with the Swiss Federal Innovation Promotion Agency (CTI) is issuing a call for project proposals in Industrial Photonics that have the potential for future industrial development.

The short (1 to 2-page) project proposals should outline the basic idea and its possible commercial applications. Ideally, projects should be submitted jointly by partners from industry and academia (Universities, ETH/EPF, Universities of Applied Sciences) interested in investigating possible applications. Where partners have not yet been identified, the SATW will offer their services to help establishing contacts.

The funding designated for selected projects is set at CHF 16 000, intended to cover the cost of setting up the collaboration between the academic and industrial partners. In addition to this financial support, the SATW will provide advice upon request. Further, a two-day workshop is organized that will bring together the project partners with recognized experts in the field of innovation transfer.

You

- Submit a project proposal (1 to 2 pages), describing your ideas and the planned product, the estimated timetable, and market potential. Please use the format available at www.satw.ch/transferkolleg.
- Work on the project together with your partner from academia or industry.
- Participate in a two-day workshop with your project partner.
- Write a brief final report (2 to 4 pages).

We

- Subsidize the academic partner with CHF 16 000 (this is a lump sum and includes VAT), while the partner from industry covers his own expenses.
- Organize an exclusive workshop in Zürich in November 2008 for you with experts in technology transfer.
- Advise you – upon request – and observe your project's progress.
- Organize a progress review meeting in Engelberg in March 2009 in collaboration with the SSOM.

Industrial Photonics

In the last couple of years, new and more effective laser beam technologies have appeared in development laboratories worldwide and have opened up new opportunities for all photonic manufacturing fields. Both research institutes and companies in Switzerland benefit from an excellent worldwide reputation and have recently led significant research efforts in many areas of Industrial Photonics. During the last years, new Photonics Swiss companies were successfully started, mostly in the domain of sensing and telecommunications, but also in the field of laser-based manufacturing.

Switzerland is excellently positioned to play a leading role in the future Industrial Photonics across the full range of

- Photonic manufacturing (sources, processes, production)
- Photonic sensing (sources and detectors)
- Photonic lighting (LEDs and OLEDs)
- Photonic energy (photovoltaics)
- Optical communication (data and telecom)

Industrial Photonics stretches among various markets and across the full vertical range of companies and we solicit the submission of high risk projects in this field. Interdisciplinary and early stage projects will be favoured.