

Transferkolleg 2017

For the 13th time SATW is launching a call for projects to support mixed teams from academia and industry in the transfer of ideas into industrial production. The so-called SATW Transferkolleg encourages the exchange of knowledge and technology between universities and Swiss industry by supporting promising science-based innovation projects at a very early stage with unbureaucratic access to financing, networking opportunities and coaching.

This year's initiative is organized in collaboration with the Medical Cluster and – as every year – the CTI funds a major part of the costs of the Transferkolleg.

This information leaflet contains all important information and should be read in full.

ICT enables MedTech

Information and communication technologies (ICT) have recently become the main enablers and drivers for developing new solutions in healthcare. These do not only open up new diagnostic and therapeutic avenues, but also significantly contribute to the efficacy and efficiency of existing approaches. Full exploitation of the resulting clinical and commercial opportunities is only possible today through strong collaboration between academic, clinical and industrial partners.

Short web-based proposals should address market orientated clinical needs relating to

- image-based diagnostic procedures and image guided therapy;
- diagnostic, therapeutic and assistive devices including surgical navigation and robotics, as well as rehabilitation;
- sensor technologies and platforms for mobile health, remote disease anagement or ambient assisted living;
- software solutions for health data management, health related social networks and tools for quantitative assessment of treatment success or rehabilitation progress;
- simulation tools for predictive surgical planning, training and education.

Out of scope

- Biotechnology
- Biomaterials
- Regenerative medicine
- Passive implants
- ICT applications with focus on
 - Lifestyle and wellness applications
 - Omics data analysis

Timeline

- Submission of project proposals: beginning of January 2017
- Deadline for submission of project proposals: 28 February 2017
- Notification of acceptance: April 2017
- Workshop: 8/9 June 2017 (venue: University of Bern)
- Project end: 1 December 2017

Project team and coaches

- Charles Baur (EPFL)
- Peter Biedermann (Medical Cluster)
- Meike Bütikofer (CTI / Bütikofer AG)
- Alex Dommann (CTI / Empa)
- Esther Koller-Meier (SATW)
- Jens Krauss (CSEM)
- Hans-Peter Meyer (CTI / HEVS)
- Lutz Nolte (CTI / University Bern)
- Marc Pauchard (President Transferkolleg / Adolphe Merkle Institute)
- Hansjörg Riedwyl (ISS AG)
- Alexander Stuck (ETH Zurich)
- Gábor Székely (CTI / ETH Zurich)
- Marcus Textor (CTI / ETH Zurich)

Who should apply?

Trying to match an invention with a new business opportunity, but facing the following challenges?

- Producing initial results to trigger the next stages of development
- Understanding the new challenges that come with the innovation (technical and business)
- Refining ideas and developing a plan to move forward
- Mixed project teams for academia and industry
- Finding follow-up support and financing

What you have to do/What you have to know

Submit a project proposal outlining your ideas and the planned product or service, the estimated timeline and market potential. Contact addresses of the main research partner and the main implementation partner have to be indicated. Please use the form available on the website.

If your project is selected:

- Conclude a contract for the funding with the CTI.
- Work on the project together with your project partner.
- Participate in the exclusive one-and-a-half-day workshop with your project partner.
- Answer surveys and write a brief final report – including information regarding the expenses of the research partners and the contributions of the implementation partners.

What will you get out of it?

SATW Transferkolleg provides mixed teams from academia and industry with

- Unbureaucratic access to a maximum of CHF 16,000 of money (50/50 rule of CTI applies: the implementation partner contributes at least 50% of the total costs of the project)
- Networking opportunities to connect and exchange ideas with other experts in the field
- Coaching in groups to challenge and develop ideas
- CTI experts evaluate your idea and innovation mentors help you find the right follow up funding

What we will do

- The CTI arranges the contracts and the payments to the academic research partner.
- Project title, project abstract, and contact address of the research partner and the implementation partner will be published on Aramis, the information system regarding research, development and evaluation projects of the Swiss Federal Administration. Other information remains confidential.
- Organize a workshop at the University of Bern with experts in technology transfer.
- Advise and coach you and monitor your project's progress.
- On request, the CTI will facilitate contact with CTI-Startup and CTI-Innovation Mentors for follow-up support.