Workshop: Funding opportunities for Swiss Companies and Research Organisations
FHNW Olten, November 28th 2016

Dr. Christian Bosshard
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Dr. Christian Bosshard is Vice-President of the CSEM Center in Muttenz. He received his degree in Physics (1986) and his doctorate (1991, Silver medal award) from ETH. Christian Bosshard is a Fellow of the Optical Society of America (OSA), coordinator for CSEM in the Heterogeneous Technology Alliance (HTA), Managing Director and board member of Swissphotonics.

Moderation
The economic environment for the development of new technologies and applications is becoming increasingly difficult. The workshop will provide an overview on the major funding opportunities accessible to Swiss companies and research organisations. The workshops breaks will allow the participants to actively discuss the opportunities and challenges with the experts.

Prof. Rainer Schnaidt
Head R & D, University of Applied Sciences and Arts Northwestern Switzerland FHNW, 5210 Windisch
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Welcome
Begrüssung der Teilnehmer, Profil der FHNW, Hochschule für Technik im Bereich der Forschung, Bedeutung der Drittmittelfinanzierung in diesem Leistungsbereich.

Dr. Andreas Werthmüller
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Andreas Werthmueller joined the Swiss Space Office in 2013. Member of the Swiss Delegation to ESA and National Contact Point for PRODEX he contributes to the framework in which Swiss, European and international Space Science is envolving. With a degree and a PhD in atomics physics Andreas Werthmueller acquired a broad experience in managerial but also regulatory work ranging from environmental issues to energy produktion and storage to the promotion of all aspects of research and innovation.

R&D in space-related programmes in Switzerland, through ESA and beyond
The European Space Agency might not provide you with funding of your green field research and development. But it certainly is interested in partnering when your ideas and concepts might have implications and applications for the top-notch technology that is used in space, be it for detectors, sensors, data handling and processing or other components and systems.
BRIDGE: A Joint SNSF and CTI initiative

BRIDGE ist das neue gemeinsame Programm des Schweizerischen Nationalfonds (SNSF) und der Kommission für Technologie und Innovation (KTI). Es schafft ein neues Förderungsangebot an der Schnittstelle von Grundlagenforschung und wissenschaftsbasierter Innovation und ergänzt damit die Förderungstätigkeit der beiden Trägerorganisationen.

Bridge beinhaltet die folgenden beiden Förderungsangebote:

- **Proof of Concept** richtet sich an junge Forschende, die auf Basis ihrer Forschungsresultate eine Anwendung oder Dienstleistung entwickeln wollen. Die Projekte können sich mit allen Innovationstypen aus allen Forschungsgebieten befassen.

- **Discovery** richtet sich an erfahrene Forschende, die das Innovationspotenzial von Forschungsresultaten ausloten und umsetzen möchten. Gefördert werden nur technologische Innovationen, die auch gesellschaftliche und wirtschaftliche Auswirkungen haben.

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**How to write a good CTI project submission**

After a short introduction of the CTI and its activities it will be explained, following the project submission form on which points the applicants should pay attention on and what are the do’s and dont’s when writing a project submission.

**Support of international R&O cooperation of Swiss companies in EUREKA/Eurostars**

Switzerland is a founding member of the inter-governmental EUREKA initiative. Since 30 years EUREKA connects the innovation promotion agencies in Europe and beyond to support cross-border and market-oriented R&D projects of innovative companies and R&D institutions. The presentation will highlight the opportunities of EUREKA’s support instruments for Swiss project partners.
Rouslan Kats

Principal Counsellor (Commercial) and Senior Trade Commissioner, Embassy of Canada to Switzerland, 3005 Berne

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Rouslan Kats is the Senior Trade Commissioner at the Embassy of Canada in Bern. He joined Global Affairs Canada in 2009 and worked in Ottawa on the 2010 G8 and G20 Summits as well as on bilateral commercial relations with Eastern European states. Overseas, after working at the Embassy of Canada in Warsaw as Trade Commissioner, Rouslan served as Political Counsellor at the Embassy of Canada in Kyiv in the post-Maidan Ukraine. Before joining the Canadian Foreign Service, Mr. Kats worked for the Ministry of Culture of Quebec. Rouslan holds a B.Sc. in Physiology from McGill University and an M.Sc. in Experimental Medicine from Laval University. A native Russian speaker, Rouslan is fluent in several other languages.

Eurostar project opportunities with Canada

Rouslan Kats will provide a brief overview of the Canadian photonics sector and discuss Eurostar project opportunities between Switzerland and Canada.

Dr. Jürgen Söchtig

Optics Expert, Harder & Partner GmbH, Supporting Swissphotonics, 8907 Wettswil

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Jürgen Söchtig received the PhD degree from the University of Paderborn, Germany, in 1988 with a work in integrated optics. Since 1997 he has been with the CSEM, Switzerland in the Optical Microsystems group. His activities covered a broad spectrum from grating and waveguide fabrication to packaging as well as replication and electroforming services. In 2007 he moved to industry and headed the mastering team for the fabrication of smart phone lens modules at Heptagon. In November 2014 he joined Harder & Partner and now supports the activities of Swiss photonics.

List of all Photonics related H2020 calls

Swiss photonics represents Switzerland within the Horizon2020 project Europho21. This Control and Support Action project disseminates Photonics as one of the Key Enabling Technique for Innovation. One concrete project task is the selection of calls obtained from all Horizon2020 calls that have a relation to Photonics Technologies. Two separate lists of Photonics related calls for the years 2016 and 2017 are accessible on the Photonics21 website as well as on the website of Swiss photonics. Some details of these lists will be presented. The time schedule for the new Horizon2020 Photonics calls for the period from 2018 to 2020 will be given as an outlook.

Dr. Rudolf Fryček

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Rudolf Fryček has more than 15 years’ experience in the European project management and consultancy. After his experience at the DG RTD of the European Commission, he founded private consulting company AMIRES focused on EU funded development and innovation projects. The company is now managing projects with overall budget over 60 Mio. €. Rudolf is also a cooperation coach of Platinn, with mission to increase innovation capacity of SMEs.

Support for H2020 projects with business impact

The talk will be focused on efficient use of Horizon 2020 and other publically EC funded projects for business impact. The trends in public funding will be presented as well as the main success factors for these projects. Make most of this opportunity by strategically oriented business innovation of any enterprise.

Dr. Christoph S. Harder

President Swiss photonics, 8832 Wollerau SZ

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Dr. Christoph S. Harder received the ETH Diploma in 1979 and the Master and PhD in EE in 1980 and 1983 from Caltech, Pasadena, USA. He is cofounder of the IBM Zurich Laser Diode Enterprise which pioneered the first 980nm high power pump laser for telecom optical amplifiers and laser diodes for industrial and consumer applications with ultrahigh reliability. He is the recipient of a Fulbright scholarship and the OSA Fellow recognition. Christoph is now heading a consulting company and is cofounder of Swiss photonics and has been its president for the last few years. He has published more than 100 papers and 20 patents and has held a variety of staff and management positions at ETH, Caltech, IBM, Uniphase, JDS Uniphase, Nortel and Bookham and has volunteered on society boards and committees.

Summary and Discussion