

On the way to Europe or how to get European fundings

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Euresearch Head Office, National Contact Point (NCP) Swiss Information Network for EU Research Programmes

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Marion Tobler, National Contact Point (NCP) NanoMatPro, Space and Environment holds a PhD from ETH Zurich. She worked for 16 years in research for sustainable industrial production at ETH, together with Swiss and European companies in the textile and electronics sector. In 2008 she joined *Euresearch*, the Swiss support organisation for FP7. Marion Tobler is especially dedicated to SMEs and larger companies.

Dr. Marion Tobler

Welcome from EURESEARCH



President Swisslaser.net (SLN), Wollerau SZ

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Dr. Christoph Harder received the Electrical Engineering Diploma from the ETH in 1979 and the Master and PhD in Electrical Engineering in 1980 and 1983 from Caltech, Pasadena, USA. He is co-founder of the IBM Zurich Laser Diode Enterprise which pioneered the first 980nm high power pump laser for telecom optical amplifiers.

He has been managing during the last few years the high power laser diode R&D effort in Zurich expanding, working closely with a multitude of customers, the product range into 14xx pumps as well as 808 and 9xx multimode pumps for industrial applications. 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.

Dr. Christoph Harder

Introduction of Swiss Photonics and Laser Network (SLN)



Thomas P. Pearsall

Secretary General European Photonics Industry Consortium (EPIC), Paris

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Thomas P. Pearsall is General Secretary of EPIC, the European Photonics Industry Consortium. EPIC develops initiatives like Photonics²¹ that support photonics industries in Europe and around the world. With more than 80 member organisations, EPIC is the major photonics industry organisation in Europe, supporting developments in solid-state lighting, telecommunications, lasers, biophotonics and sensors and displays.

In 1996 Pearsall was named Fulbright Senior Scholar at the CNRS/Max-Planck-Institut in Grenoble, France. He is a Fellow of the American Physical Society and a Fellow of the IEEE.

Photonics-Related Calls in 2011; Topics and Deadlines

- Ultra high capacity all-optical networks
- Optical data communications
- Biophotonics for early detection of cancer
- Photonics integration platforms

17 January 2012

2 December 2011

- Factories of the Future: Lasers and laser systems for manufacturing and materials



Dr. Andreas Gut

EUREKA National Project Coordinator, Eidgenössisches Volkswirtschaftsdepartement (EVD), Bundesamt für Berufsbildung und Technologie (BBT), Bern

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Seit 2008: Nationaler Eureka Projektkoordinator am Bundesamt für Berufsbildung und Technologie

2001 - 2008: Koordination der Energieforschung am Bundesamt für Energie

1998 - 2001: Post-Doc am Max-Planck-Institut für Chemie in Mainz

1994 - 1998: Doktorarbeit an der ETHZ und Institut für Umweltschutz und Landwirtschaft

1987 - 1994: Studium Umweltwissenschaften an der ETHZ

EUREKA / EUROSTAR

Die pan-europäische Forschungs- und Entwicklungsinitiative Eureka wird gegenwärtig von 39 europäischen Ländern (inklusive der Schweiz) und der EU Kommission getragen. Eureka fördert marktorientierte und grenzüberschreitende Forschungs- und Entwicklungsprojekte mit dem Ziel die Wettbewerbsfähigkeit der europäischen Wirtschaft zu erhöhen.

Eureka ist fokussiert auf KMU und zielt auf folgende Unterstützungsmassnahmen ab:

- Finanzielle Unterstützung für die Umsetzung von hochstehenden Forschungsleistungen,
- Senken der Risiken von Innovationsaktivitäten durch partnerschaftliche Zusammenarbeit,
- Reduktion des administrativen Aufwandes bei internationalen Innovationsprojekten.






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FP7 funding opportunities and EU strategies

The European Union's strategy for FP7 requires a strong involvement of industry and SME, as the expected result have to be market oriented. The projects are based on the cooperation of researchers from both industry and academia from EU member states and Associated Countries. Funding opportunities in specific areas of **Nanotechnologies**, **Material Sciences** and **New Productions** as well as in **ICT** will be presented.

	<p>Euresearch, Bern maddalena.tognola@research.unibe.ch www.euresearch.ch</p> <p>Maddalena Tognola, Biologist, works for the Euresearch Regional Office at the University of Bern (since 2002) where she is in charge of the first support to all researchers in the Canton of Bern with respect to participating in EU funded R&D projects.</p> <p>Introduction to the Workshops</p>
<p>Maddalena Tognola</p>	
	<p>EUREKA National Project Coordinator, Eidgenössisches Volkswirtschaftsdepartement (EVD), Bundesamt für Berufsbildung und Technologie (BBT), Bern andreas.gut@bbt.admin.ch www.bbt.admin.ch</p> <p>Workshop 1: EUROSTAR</p>
<p>Dr. Andreas Gut</p>	
<p>Dr. Ulrich Dürr Thun BE</p>	<p>LASAG AG, Thun BE ulrich.duerr@lasag.ch www.lasag.ch</p> <p>Dr. Ulrich Dürr is member of the board at LASAG AG in Thun and responsible for Technology and Innovation.</p> <p>Workshop 2: Laser and Laser Systems, Factory of the Future Laser and Laser Systems</p>
	<p>CSEM SA Alpnach OW christian.bosshard@csem.ch www.csem.ch</p> <p>Dr. Christian Bosshard is head of Optics & Packaging at CSEM, managing the development of interconnection and packaging technologies for optoelectronics, sensors, and microsystems in general. He received his degree in Physics and his doctorate from ETH Zürich. Dr. Bosshard is a Fellow of the Optical Society of America (OSA).</p> <p>Workshop 3: Optical Data Communications, Photonics Integration Platforms Optical data communications</p>
<p>Dr. Christian Bosshard</p>	
	<p>USZ, BMPN, Zürich martin.wolf@usz.ch www.bmpn.ch</p> <p>Biomedical Optics Research Laboratory, Division of Neonatology, University Hospital Zurich (USZ) President of Biomedical Photonics Network BMPN</p> <ul style="list-style-type: none"> · 1990 M.S. degree in electrical engineering ETH · 1997 Ph. D. in Biomedical Engineering/Optics ETH · 1999 Postoc Laboratory for Fluorescence Dynamics at the University of Illinois at Urbana-Champaign, USA · Since 2002 head of the Biomedical Optics Research Laboratory, University Hospital Zurich (USZ) <p>Workshop 4: Biophotonics</p>
<p>PD Dr. Martin Wolf</p>	