

INDUSTRY DAY

17 September 2010

<http://www.industryday.ethz.ch>

ETH Zurich would like to frame the future together with successful companies. We would like to invite industry representatives for an interactive exchange of views on biomaterials, microsystems, analytics and diagnostics.

At the Industry Day, 18 ETH professors will present their research highlights in a condensed form of five minute presentations: innovations, visions and future blockbusters. After five short presentations the different topics will be completed with interactive discussions.

Subsequently, young talents will present their current research at the Brain Fair. Be inspired by the future trends!

Place: **ETH Zurich, Campus Hönggerberg**

Date: **Friday, 17 September 2010 (1.00 p.m. - 6.00 p.m.)**

Industries:

- Engineering
- Analytics
- Diagnostics
- Medical Technology
- Biotechnology

Target group: The Industry Day is organized for industrial representatives:

- Managing Directors
- Research Directors
- Department Heads
- Project Leaders

Costs: Attendance free of charge, registration is needed.

Registration: Please visit our homepage at www.industryday.ethz.ch

Do not miss the third Industry Day. We are looking forward to your contributions to the discussions at this interactive event. Meet world leading scientists and young talents.

Highlights from cutting-edge research
short presentations, great overview, many contacts

1 afternoon

4 topics

18 professors of ETH Zurich

5 minutes each

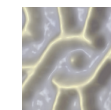
Interactive discussion on the future vision of

Biomaterials in Med Tech

Robotics for Engineering

Analytics and Diagnostics

Nanotechnology based Functions



ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Program

12.00	Arrival	
13.00	Welcome address	Prof. Roland Y. Siegwart Vice President Research and Corporate Relations ETH Zurich
13.15	Collaboration IBM / ETH Zurich	Dr. Paul Seidler Head Science & Technology, IBM Research GmbH

13.30 Biomaterials



Prof. Ralph Müller, Institute for Biomechanics
Prof. Janos Vörös, Laboratory for Biosensors and Bioelectronics
Prof. Jörg Löffler, Laboratory of Metal Physics and Technology
Prof. Viola Vogel, Laboratory for Biologically Oriented Materials
Prof. Wendelin Stark, Functional Materials Laboratory

Open panel discussion with the speakers Chair: **Dr. Sandro Matter**
Needs of the industry, future trends, visions Executive VP Institut Straumann AG

14.15 Robotics



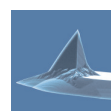
Prof. Bradley Nelson, Multi-Scale Robotics Lab
Prof. Roger Gassert, Rehabilitation Engineering Lab
Prof. Raffaello D'Andrea, Institute for Dynamic Systems and Control
Prof. Fumiya Iida, Bio-Inspired Robotics Lab

Open panel discussion with the speakers
Needs of the industry, future trends, visions

15.00 - 15.30 Coffee break
Exhibition of ETH spin-offs, licencing opportunities and current projects

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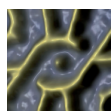
15.30 Analytics / Diagnostics



Prof. Renato Zenobi, Analytical Chemistry Group
Prof. Detlef Günther, Trace Element and Micro Analysis Group
Dr. Roger Wepf, Electron Microscopy Center
Prof. Ralph Schlapbach, Functional Genomics Center
Prof. Jürg Dual, Institute of Mechanical Systems

Open panel discussion with the speakers Chair: **Dr. Gerd Grenner**
Needs of the industry, future trends, visions CTO Roche Diagnostics

16.15 Nanotechnology based functions



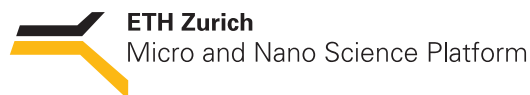
Prof. Christofer Hierold, Group of Micro and Nanosystems
Prof. Ralph Spolenak, Laboratory for Nanometallurgy
Prof. Vahid Sandoghdar, Nano-Optics Group
Prof. Sotiris Pratsinis, Particle Technology Laboratory

Open panel discussion with the speakers
Needs of the industry, future trends, visions

17.00 Closing remarks **Prof. Ralph Eichler**
President of ETH Zurich

17.10 - 18.00 Aperó
Exhibition of ETH spin-offs, licencing opportunities and current projects

organized by



supported by



MRC
Materials Research Center