



Industry Day

Thursday March 16th 2017

SwissTech Convention Center

EPFL Campus Lausanne

**Get informed about the state
of research at EPFL**

**Meet Professors and Master
students**

**Initiate collaborations to innovate
in your company**

**Present your company to students
and researchers**

Win - win - win ...

► For companies

Innovation is of primary importance for companies to distinguish themselves from competitors. The schools of engineering (STI) and lifesciences (SV) of EPFL are amongst the world-leaders in their research domains and will present the state of the art of their most innovative technologies. It will be up to the companies to detect what could be of relevance to them today and tomorrow.

The agenda of the day will allow to organize face to face meetings with research laboratories of your choice and to lay the foundations of future collaborations.

The opportunity to present your company during a filmed and webcasted pitch talk will make your company known in a lasting manner by researchers and master students finishing their studies.

► For researchers

The rapprochement of a research lab with industry is an important step that allows to diversify the applications, to formulate projects supported by the federal commission of technology and innovation (CTI) and to establish an ideal network for the professional integration of its researchers.

► For students

During their Master studies, students are asked to perform an industrial internship of 2 to 6 months. Alternatively, the student can perform his final master thesis in industry while being supervised by an EPFL professor. The industrial pitch program of the afternoon is thus an ideal opportunity to get acquainted with the regional and national industrial network, and to meet potential companies to host their internship or Master thesis.

Program

9h00 Welcome messages

9h05 Industrial Keynote

Research and academia collaborations
at Logitech's Research Center

Jean-Michel Chardon
Logitech (Europe), Innovation Director & Site Leader
Borel Innovation Center



9h20 EPFL's Internship program

9h30 Academic pitch session 1

Energy

Mario Paolone



Distributed energy storage in **smart grids**
Anna Fontcuberta, Materials and
nanostructures for next generation PV

Drazen Dujic



Medium Voltage **High Power** Electronics

Christophe Ballif

Ubiquitous high performance **PV energy**
scavengers in all shapes and colors
from **IOT** to buildings

Sophia Haussener



Solar hydrogen for sale

Robotics and Manufacturing

Paolo Germano



Small electromechanical **moving devices**

Jamie Paik



Novel **actuation** for **reconfigurable**
soft robots

Christophe Moser

Revolutionary **optical tools** for Ophthalmology

Jürg Schiffman



Small-scale **turbomachinery**

Dario Floreano



Mighty **soft materials**

10h30 Coffee break and networking

11h15 Academic pitch session 2

Personalized Health

Didier Trono



virus-based delivery systems for
human gene therapy

Jacques Fellay



Infections hidden in the **human genome**

David Atienza



Smart **Wearables** for the **Medical IoT**

Bruno Correia



Protein design for vaccine development

Jean-Philippe Thiran



Medical **Image Analysis**

Materials and Processes



Fabien Sorin,

Advanced **functional fibers**

Dominique Pioletti

Mechanobiology and tissue engineering

Controlling Nanoscale Order and Disorder for High Performance **Elastomers** and **Thermoplastics**

François Gallaire, simple **models** for **complex flows**

Esther Amstad

Production of **amorphous particles**

Holger Frauenrath



12h15 News from our partner organizations

12h30 Lunch buffet

During the afternoon: face to face meetings

Privatized face-to-face discussions lasting 30 minutes between industrial representatives and research labs will be organized beforehand. Up to 6 meetings can be booked by each company.

13h50 Industry pitch sessions 1 & 2

Up to 30 companies will be given the chance to introduce themselves in a 5-min pitch to over 400 Master students and researchers. Students testimonials of their project in industry and a 45-min coffee break will complement this session.

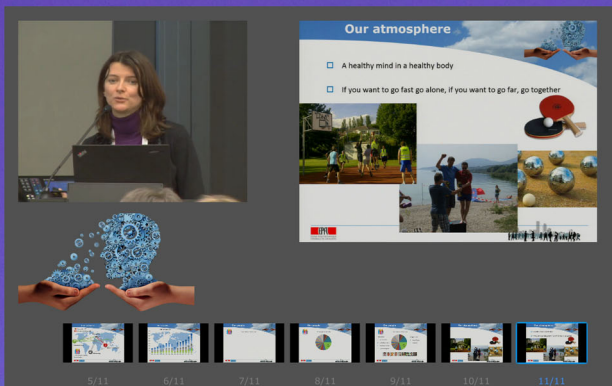
17h40 Apéro and Networking

Research orientations

The following research institutes will be represented at the Industry Day. Once the registration completed, each company will be invited to request individual meetings with the over 60 laboratories of the different institutes.

- Institute of materials sciences (IMX)
- Institute of electrical engineering (IEL)
- Institute of mechanical engineering (IGM)
- Institute of microengineering (IMT)
- Institute of bioengineering (IBI)
- Brain mind institute (BMI)
- Swiss institute for experimental cancer research (ISREC)
- Global health institute (GHI)

Present your company



The industry day will allow you to present your company in a 5 minute pitch. The speaker and his slides will be filmed and webcasted afterwards on the EPFL website. You will leave a lasting impression to future student generations and be part of the interactive database of industrial partners. The pitch opportunity can be booked for CHF 200 using the registration link below. Up to 30 spots are available and attributed on a first come first served basis.

Lifescience Industry Exhibition

The Industry Day will also feature a tabletop exhibition in the STCC lobby dedicated to life sciences companies. 15 stands organized by the SV-Industry student association can be booked for CHF 200 and attributed on a first come first served basis. Please contact: svindustry@epfl.ch

Register your company

The participation to the industry day costs CHF 100 per attendee. Please scan the QR code below to access the registration form. The final deadline for registering is set to **Monday February 27th 2017**.



<http://www.fsrn.ch/epfl-journee-industrie/entreprises/>
In case of questions, please contact
epfl@fsrn.ch

Coordinated Master Projects



The final thesis in industry done by our master students is a simple and efficient tool to bring together research and industry. In the long term, such projects have revealed to be an catalyzer to formulate projects which are supported by the federal commission of technology and innovation (CTI), and to further strengthen the partnerships.

A preparatory work is however necessary between the academic and industrial partners in order to be in tune and to propose coordinated master subjects suiting both institutions.

- ▶ **We strongly encourage companies attending the Industry Day to prepare master thesis topics and to discuss them with a research laboratory during the face-to-face meetings. Such projects could start as early as August 2017, but also later in the year, and up to February 2018.**

The identification of an objective suiting the technological developments of the company, and requiring a research phase to employ the theoretical and practical competences of the student is of primary importance in order to guarantee a win-win-win situation for the company, the laboratory and the student.

Gold Partners



Silver Partner



Co-Organisers



Bronze Partner

