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
- Distributed energy storage in smart grids
  Mario Paolone
- Anna Fontcuberta, Materials and nanostructures for next generation PV
  Drazen Dujic
- Medium Voltage High Power Electronics
  Christophe Balif
- Ubiquitous high performance 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
- Jacques Fellay
  Infections hidden in the human genome
  Didier Trono
- Smart Wearables for the Medical IoT
  David Atienza
- Protein design for vaccine development
  Bruno Correia
- Medical Image Analysis
  Jean-Philippe Thiran
Materials and Processes

Fabien Sorin, Advanced functional fibers
Dominique Pioletti, Mechanobiology
Esther Amstaid, Production of amorphous particles
Holger Frauenrath, Controlling Nanoscale Order and Disorder for High Performance Elastomers and Thermoplastics
François Gallaire, simple models for complex flows

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)
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@fsrm.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.