

Program



Industry Day
Teaser

9h00 Welcome Message



Marc Gruber
Vice President for Innovation
VPI EPFL



9h05 Keynotes from Academia



Innovation and Tech Transfer at the School
of Engineering and the School of
Life Sciences



Holger Frauenrath
Associate Dean for Innovation, STI



Bart Deplancke
Associate Dean for Innovation, SV

9h25 Academic pitch session 1

Engineering for Life Sciences and Health

Bart Deplancke

A microfluidic multiprocessor for high-throughput
epigenomic profiling and diagnostic testing



Francesco Petrini
A **prosthesis** that feels



Matteo dal Peraro
Aeropores: engineering molecular
sensing in pore-forming **toxins**



Sebastian Maerkl
The future of
biomolecular engineering



Hatice Altug
Next-Generation Biochemical **Sensors**
for **Diagnostics** and Safety



Diego Ghezzi
Wireless prosthetic **implant**



Robotics and Manufacturing

Auke Ijspeert

Articulated robots for assistance
and for environmental monitoring



Vivek Subramanian
Materials, tools, and **processes** for
advanced **micro**-manufacturing



Yves Bellouard

Direct-write **femtosecond** laser
processes for functional micro-devices



John Kolinski
Fast imaging at interfaces:
imaging **rapid dynamics**
with any camera



Jamie Paik

Soft robotics for intuitive
and invisible **interactions**



Guillermo Villanueva
Suspended Microchannel **Resonators**
Towards **single-cell** physical phenotyping



10h30 Coffee break and networking

11h15 Academic pitch session 2

Data Enabled Engineering


Jean-Philippe Thiran
Image analysis, **computer vision** and **medical** imaging



Volkan Cevher
Designing **intelligent** hardware via machine **learning**



Dimitri Van de Ville
Shaping human **brain activity** using neurofeedback and functional **magnetic resonance** imaging



Denis Gillet
Connected and **Autonomous Vehicles** at the Crossroad



Andreas Burg
Integrated Circuits and Systems After the Happy-Scaling Era


Materials and Processes


Fabien Sorin
The Next Generation of **Smart Textiles**


Selman Sakar
Soft robotic solutions for hard **biomedical** problems


Esther Amstad
Capsules: Their use as smart delivery vehicles and beyond


Pedro Reis
X-ray tomography to untangle the mechanics of **flexible structures:** case study on knotted filament


Yves Leterrier
bioinspired **functional surfaces**

12h20 Internships in Industry





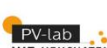







































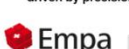






Sebastian Gautsch
Mandatory Internships for master students


Lucie Soulard
EPFL Innovators
PhD projects with Industry


Marina Aymara González Lazo
Design Challenge with Industry Partners







































Industry Pitches

13h45	 EPFL ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE	 TTO Techno Transfer Office			14h35	 PV-lab IMT NEUCHÂTEL		
13h50					14h40			
13h55					14h45			
14h00					14h50			Student testimony on master thesis
14h05					14h55			
14h10					15h00			
14h15	DynaBlue EPFL Startup				15h05			
14h20					15h10			
14h25	EPFLOOP							

Teaser Talk

15h15 Coffee break and exhibition

16h00					16h50			
16h05					16h55			
16h10					17h00			
16h15					17h05			
16h20					17h10			
16h25			Student testimony on master thesis		17h15			
16h30					17h20			
16h35					17h25	Closing remarks		
16h40	