



**Ecole Polytechnique  
Fédérale de Lausanne**  
**EPFL**

**China Hardware Innovation Camp**

**Information Session – October 1, 2015**

**Marc Laperrouza, Pascal Marmier & Alex  
Wayenberg**

# Who's who

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Alex Wayenberg



Serial entrepreneur, engineer and designer

Pascal Marmier



Director of swissnex China

Marc Laperrouza



Lecturer and researcher at EPFL

**CHIC 2016**



**CHIC**

**DESIGNED IN SWITZERLAND, MANUFACTURED IN CHINA**

# Concept

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From **idea** to <sup>functional</sup> **prototype** in <sup>working</sup> **30 days**

## Develop a **connected device**

using open source hardware, open source software and sourcing components from  
Seedstudio

# Underlying pedagogical approaches

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## Interdisciplinarity

within EPFL (IC, STI) and around (ecal, HEC)

## Experiential learning

real projects with commercial potential

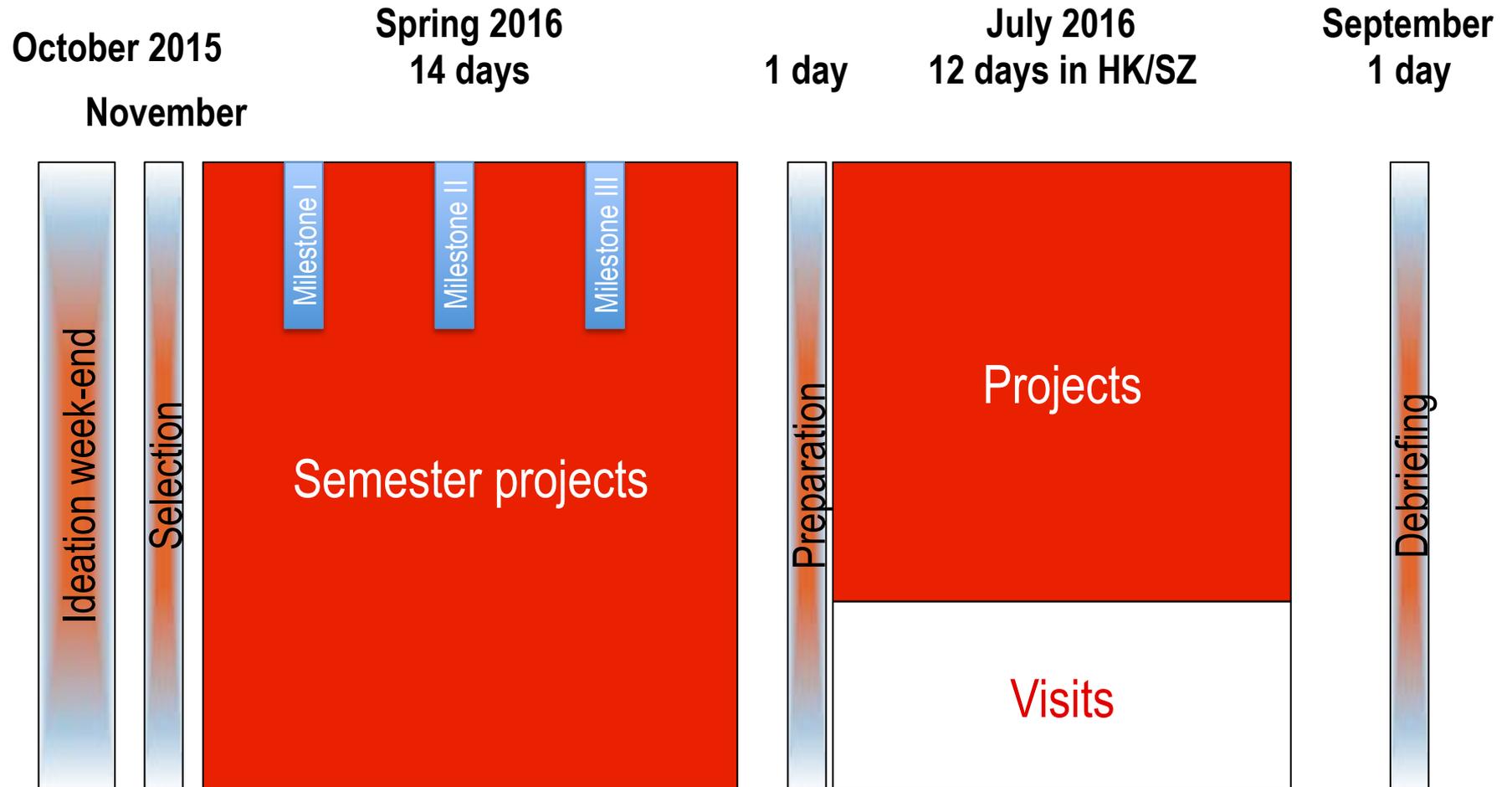
## Immersion

work inside a rapid prototyping company in Shenzhen (Seedstudio)

## Reflexivity

flows of goods and knowledge

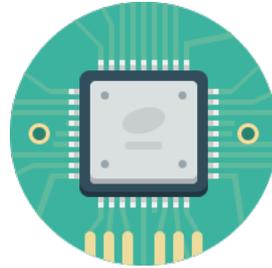
# CHIC 2016 on and off campus



# Roles in teams



Mechanical



Electronics



Firmware



Software



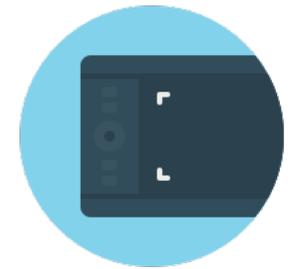
Business



Design

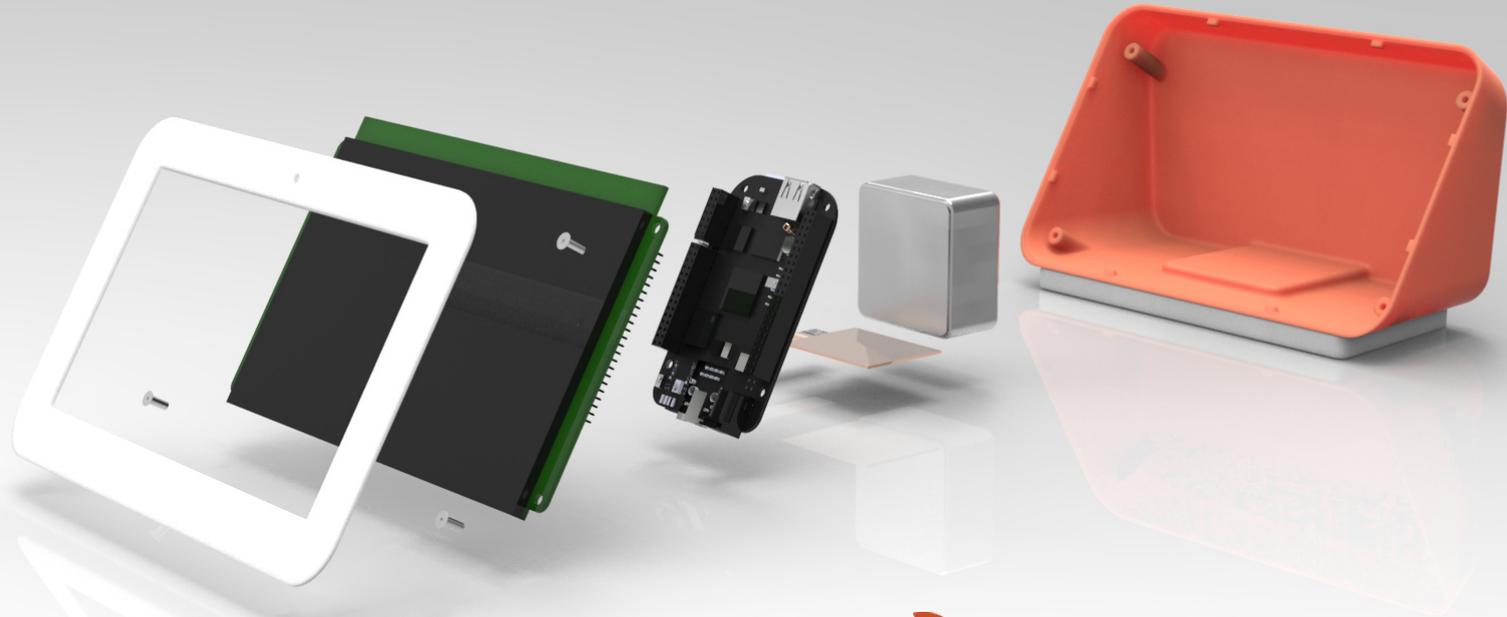


Interaction



Graphic

# Example of projet: Vesta – Tablet for elderly



vesta

# Example of projet: dory – Water sensor



# Example of projet: FiMi – Smart baby bottle



## The bottle

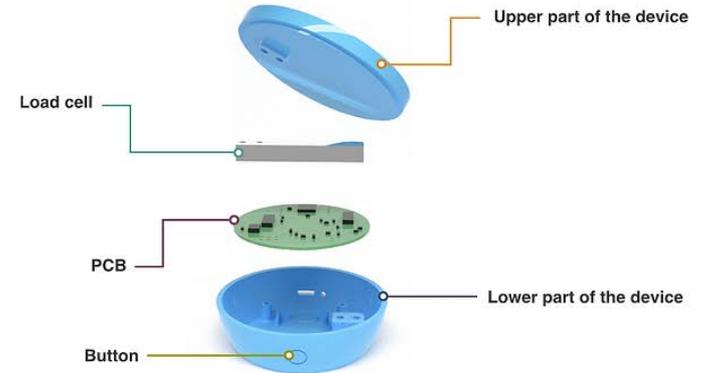
FiMi is a smart baby bottle. We created a bottle & a device to facilitate the nutrition of the babies.

The bottle is made of resistant and anti-bacterial material and is easy to handle.

With your fiMi, you can know at any time the temperature of your baby bottle as well as the quantity of milk drunk by your baby. Don't hesitate anymore! Pre-order your fiMi!

Current Price:  
**\$ 99** for 1 device & 1 bottle  
**\$ 10** for each additional bottle

PRE-ORDER



## The app

The application has been thought for the users. The interface is simple: the main screen shows the temperature of the fiMi and the quantity of the milk. We conceived a chat service: to communicate easily with your friends and a help section where you will find a guide. Finally, all the parameters of the baby as well as the statistics and other services will help you to care about your baby!

FREE DOWNLOAD (Doesn't work yet)

# CHIC 2015 video (by P. Gannagé & Co)



# Is there such a thing as a free lunch?

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Flight, accommodation and most meals  
in Hong Kong/Shenzhen are **covered** (thanks to our sponsors)

# Next step



Register by October 10

CHINA HARDWARE **INNOVATION** CAMP

**IDEATION WEEK-END**

**OCTOBER 17-18, 2015 - EPFL**

**WWW.CHI.CAMP**

PRELIMINARY SELECTION ROUND FOR **CHIC 2016**



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# Sponsors and partners



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