

# Sino-Finnish Centre, Tongji University (2010)



# SFC joined Sugar Network (2013)





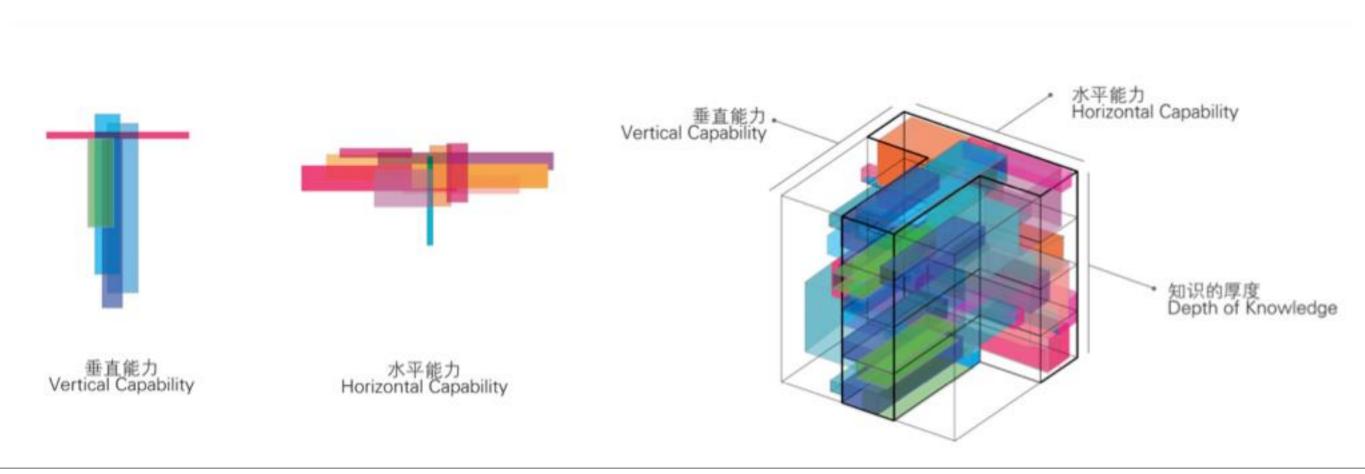
## SFC joined Sugar Network (2013)



## Tongji University Shanghai International College of Design and Innovation (2016)



## Three-dimensional T-shaped Talent Cultivation System



Teaching Philosophy:

To establish a three-dimensional T-shaped Cultivation System for developing innovative talents in Undergraduate, Graduate and Ph.D. levels.

The vertical leg of T: students are well trained in their home discipline;

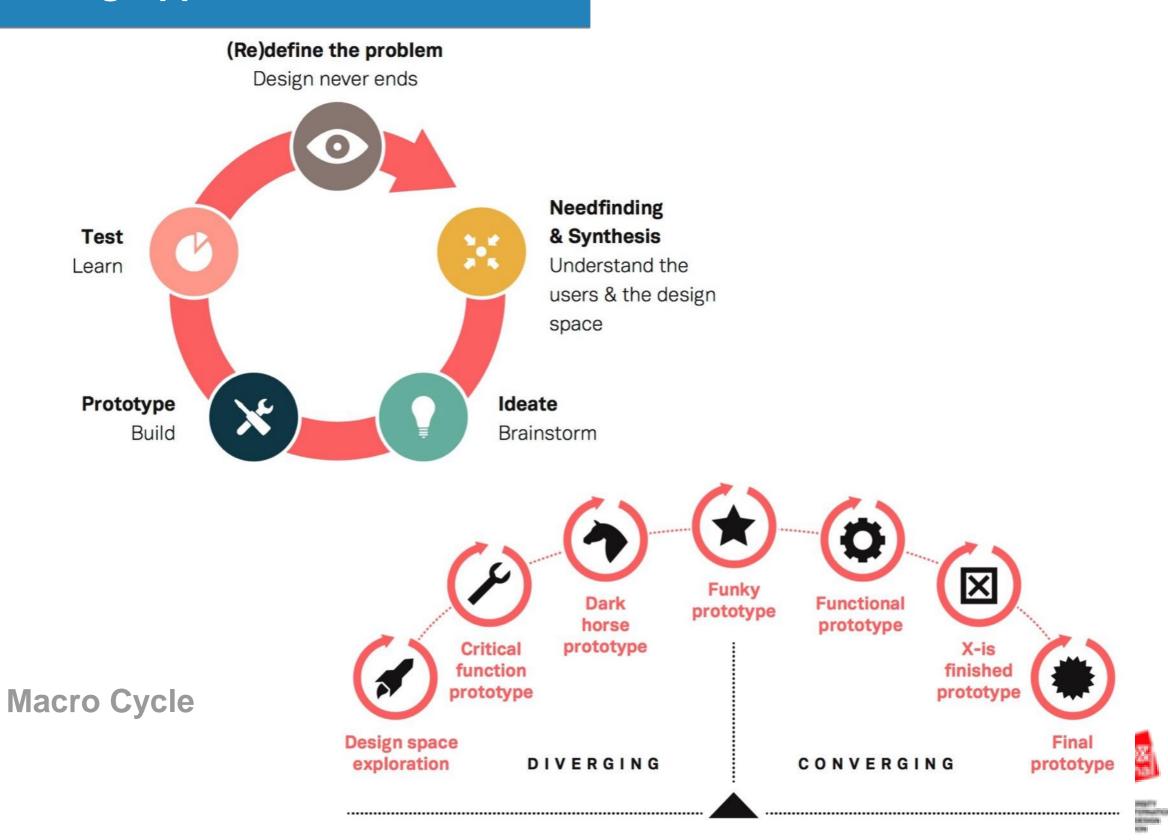
The horizontal leg of T: students need to obtain broad vision and the ability to integrate know-how from different vertical knowledge. To achieve this, students are encouraged to collaborate in interdisciplinary teams and work on challenging real-world problems.

Collaboration with industries is always a win-win way: the students can apply and develop their know-how and creativity in a real context while receiving the technical support from the industry experts; the industries can use the opportunities to explore the unexpected possibilities, from products to strategies of the companies, being inspired by the creation from the young brains.

#### Course projects: Studio 3



#### **Design Thinking Approach**



## Multidisciplinary + Cross-cultural student teams

more than 25 disciplines; 24 International students;

5 to 6 students per team from Tongji +(Optional) students from partner universities; **Architecture2** 

**Mechanical Engineering2** 

Humanity

Chemistry

**English**3

**Vehicle Engineering**<sup>4</sup>

Structrural Geology

Engineering Management

Automation

Design

Civil Engineering<sub>5</sub>

Computer Science and Technology<sub>5</sub>

**Software Engineering2** 

**Politics2** 

Radio and Television Editing

**Urban Planning2** 

**Geological Engineering** 

Mechatronics

**Applied Linguistics** 

Mechanical and Production

Engineering<sub>5</sub>

Business and Design

Management

Life Science

**Environmental Engineering** 

Entreprise Management



#### **Previous Projects**



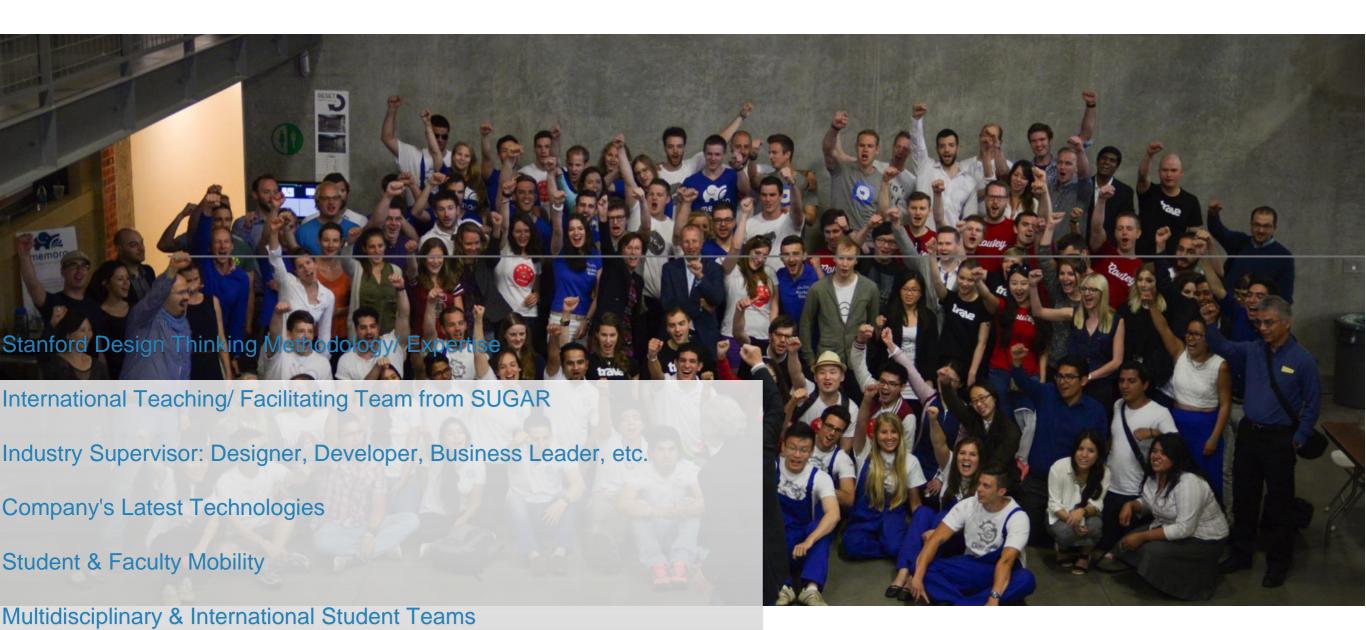
### **UBS:** Dynasty





Dynasty integrates wealth management into the lives of first Generation Chinese HNWI, and has an empowering online platform that brings together the most important aspects of the customer's life: wealth, health and value.

#### **Opportunities/ Benefits to Join SUGAR**



University- Company Collaboration

Real Projects from Company



### with VOLVO Group

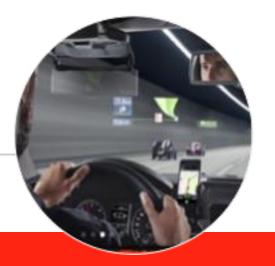


2015

Course Project: Capturing Cultural Aspect in User Interface Design (2014-2015 Spring Semester)



Course Project:
Heads up display(HUD)
in trucks In china
(2015-2016 Autumn Semester)



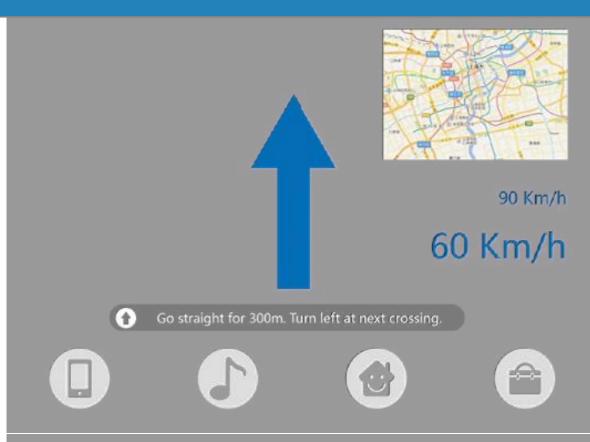


### **HUD with VOLVO Group**



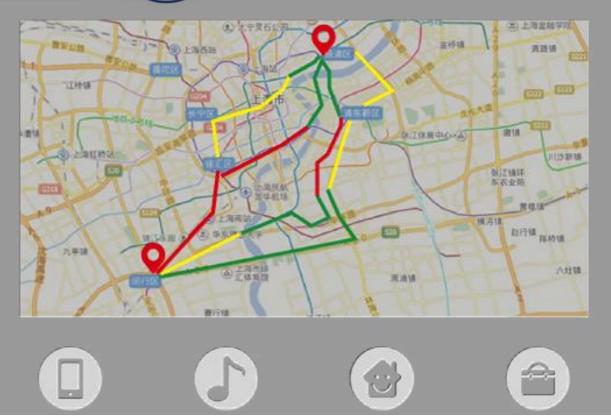
The mission was to classify the truck information which can be shown on Heads up display (HUD) on Volvo trucks in China. Both driving activities and non-driving activities could be included in the scope.

#### **HUD with VOLVO Group**









#### 1-Driving-Mode:

Driving-Mode has a GPS central area with an arrow or a classical GPS road with an arrow showing the road, the maximum speed and the current speed. This central area also includes warning of the radars. Below this area, a line of urgent notifications is displayed, e.g. traffic jam, low level of fuel or technical issues.

#### **2-Non-Driving Mode:**

Non-Driving mode includes the same functionalities as the Driving Mode.

In addition, the various central area that contains GPS under Driving Mode offers a possibility of video conversation through wechat with family, friends and relatives, which is found very important for the drivers during their long journey.

It also offers projection of your phone screen on the glass. Therefore, the driver can watch movies.

#### 3- Automatic Mode:

In the perspective of the automation of cars, trucks and other means of transportation in the next 10 years, we believe it to be very important to take into account the Automatic Mode.

#### **SAP Intelligent Shopping Project**







爱思普



#### SAP 智能购物

#### SAP Intelligent Shopping

本项目将室内定位、RFID标签、增强现实等技术集成到超市中,结合大数据的挖掘与计算,为顾客带来了更加便捷与个性化的购物体验,也实现了商家的科学高效管理。

In this project, we integrate AP Location, RFID Label and Augment Reality into supermarket, combining with big data mining and calculating, bringing the clients a more convenient and personalized shopping experience, together the merchant can benefit from a more scientific and efficient management.



### **Special Thanks to SAP**



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### **Collaboration on Innovation Project**

We are open to collaborate with universities/ companies at home and abroad for:

**One-year Project** 

One-semester Project

6-Week Studio

**Thematic Workshop** 

#### **LET'S CONNECT**

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