



中国 FRANCE  
1964 - 2014  
CHINE 法国

**Sino-European School of Technology  
of Shanghai University**  
**organize the Innovation Week France-China 50**  
**on 27-28 October 2014**  
**in the frame of France-China 50<sup>th</sup> Anniversary**

**« Innovative cities adapted to sustainable  
development in the digital age »**

***Place : Garden Hotel - 58 Maoming Nan Lu, near Changle Lu, Xuhui district, Shanghai - 32F***

**By 2050, 6,3 billions of people will live in cities, meaning 2,6 billions more than the number of today. 67% of the global population will reside in urban zones with an increasing density. Asia, and particularly China, will go through greater evolutions. By 2025, Shanghai will receive 8 millions of new habitants which will be an augmentation of nearly 40% which means 640 000 new Shanghaineses every year.**

**Modes of transports, consumption of energy, forms of living, social and environmental impacts, adaptation of infrastructure, modes of life and the governance... Cities will have to respond to issues concerning larger scales and uneven accelerating pace.**

**Based on the digital footprints left nowadays by habitants in the cities, we can anticipate the needs and expectations in the future, develop adequate tools of pilotage and adopt innovative solutions for citizens of future megalopolis.**

**The Innovation Week organized in the frame of the 50<sup>th</sup> anniversary of the friendship between France and China offers a platform to all the participants, institutions, researchers, companies, students and citizens, to exchange ideas, try to understand and to reflect together on the subject of *innovative cities adapted to sustainable development in the digital age*.**

**This Innovation Week is organized also in the name of the launching of ComplexCity Master degree, a program focusing on data science and complex systems for a smart and sustainable city.**

**Monday 27 October – morning**

**Opening of the Innovation Week France-Chine 50**

***Public: all public***

***Languages: French and Chinese (simultaneous translation)***

**09 : 30 Welcome all the participants**

**10 : 00 Opening speech**

- **Mr. YANG Xiong, Mayor of Shanghai (to be confirmed)**
- **Mrs. Amaëlle MAYER, Attaché for University Cooperation, Shanghai French Consulate**
- **Mr. LUO Hongjie, President, Shanghai University (to be confirmed)**
- **Mr. Alain STORCK, President, Group of French Universities of Technology**

**11 : 00 Opening conference**

**“Innovative cities adapted to sustainable development in the digital age in Europe and China”**

**Prof. NI PengFei, Director of the Urban and Real Estate Economy Research Unit in the Institute of Finance and Trade Economics at the Chinese Academy of Social Sciences**

**12 : 00 Lunch**

**Monday 27 October – afternoon**

**Conference**

**Public: all public**

**Languages: French and Chinese (simultaneous translation)**

**Co-organizer: Ecole de design Nantes Atlantique**

**Partner: Junior Chamber International French Chapter in Shanghai and Nantes Imagine International Agency**

**13 : 30 Opening speech**

- **Mr. LUO Hongjie, President, Shanghai University (to be confirmed)**
- **Mr. Alain STORCK, President, Group of French Universities of Technology**
- **Mr. Michel MICHENKO, President, Ecole de design Nantes Atlantique**

**14 : 00 Topic 1 : Innovative cities for housing and buildings for professional uses**

According to analysis during the recent 50 years on the life span of buildings, 80% of the total costs are spent on exploitation of buildings, while construction and installation represent 20%.

Facing the constraints of budget and of natural resources conservation, with the acceleration of urbanization throughout the whole world, an intelligent management of buildings has nowadays become a major issue of our modern society.

The new digital tools for the management and exploitation of buildings and the data collected have already provided us some guidance of consumption on an individual or even a local scale.

In the near future, what kinds of new tools and new practices can be adopted to make our city greener and smarter?

**Keynote speech:**

**Florent ORSONI, Director of Sustainable Cities Innovation Design Lab, Ecole de design Nantes Atlantique**

**Discussion:**

**Moderator: Bruno LHOPITEAU, General Manager, SIVECO China**

**Speakers:**

- **Nadège TROUSSIER, Professor, Troyes University of Technology**
- **Jean-Louis KEROUANTON, Vice-President in charge of patrimony, Nantes University**
- **WANG Fei, Professor, Shanghai University**
- **Hervé RANNOU, CEO, CityzenData**
- **Polly ROLLAND, Architecte, ROLLAND Architecture Angers/Shanghai**
- **David GASPARD, President of the Junior Chamber International French Chapter in Shanghai, Project Engineer at SUEZ Environnement**

**15 : 00 Coffee break**

## **15 : 30 Topic 2 : Innovative cities for mobility and transportation**

One passenger wastes on average 14 minutes every day waiting on the way in Beijing, while 11 minutes in Shanghai out of an average 47 minutes that people spend on transportation every day. Traffic congestion leads to enormous loss. In the 15 most populated cities in China, if we gather together all the time people waste every day on traffic congestion, it can make up to a value of one billion RMB according to research results from the sustainable development and strategy study group of Chinese Science Academy.

The cities in China are now experiencing various difficulties generated by the accelerating urbanization. Chinese government needs to immediately take into account the new phenomena concerning mobility in the city and adapt the system of transportation more to the up-to-date needs.

Faced with the evolution of social mobility, what kinds of eco-friendly solutions can be carried out? How can any relevant tools or services help with this evolution?

### ***Keynote speech:***

Nicolas GAUD, Professor, Belfort-Montbéliard University of Technology

### ***Discussion:***

Moderator: François JENNY, Business Line Director, SITA Waste Services Limited

#### **Speakers:**

- Marc BARTHELEMY, Researcher, Institute for Teoretical Physics IPHT, CEA - Saclay
- Florent ORSONI, Director of Sustainable Cities Innovation Design Lab, Ecole de design Nantes Atlantique
- PENG ShouBin, Professor, Shanghai University
- Julien PEREZ, Machine Learning Scientist, XEROX Research Centre Europe
- Alain BOESWILLWALD, Director, SEMITAN Nantes Public Transport Company
- Camille KLEIN, General Secretary of the Junior Chamber International French Chapter in Shanghai, Financial Director of BIC Chine

## **16 : 30 Coffee break**

## **17 : 00 Topic 3 : Innovative cities for daily life and social connection**

Mobility, energy, transportation, accommodation... the era of durable and smart city is generating profound mutations and sometimes marginalization or exclusion of a certain group of people in the city.

Faced with the growing aging population – 30% of the whole population in Asia will reach 60 years old by 2050 – with more and more social and cultural exclusion, our society needs to find some proper solutions to help integrate everyone living in the urban space to reconsider and reconstruct some eased social connection.

It involves multidisciplinary and transversal approaches to cope with these issues. Which resources (financial, material), which sociality (relations between institutions, families), which connectivity (environment, information) and which *agency* (capacity and willingness to act) will help to make city a place of integration instead of exclusion?

***Keynote speech:***

**ZHU Hao, Professor, Shanghai University**

***Discussion:***

**Moderator: Patrice VIDON, Partner, VIDON Group Intellectual Property**

**Speakers:**

- **Virginie JULLIARD, Professor, Compiègne University of Technology**
- **Christian GUELLERIN, Director, Ecole de design Nantes Atlantique**
- **ZHU QuiYu, Professor, Shanghai University**
- **Francky TRICHET, Vice-Mayor of Nantes in charge of innovation and new technologies, Vice-President of Nantes University in charge of new technologies**
- **Patrick BERBON, Managing Partner, China Materialia LLC**
- **Guillaume RUE DE BERNADAC, Member of the Junior Chamber International French Chapter in Shanghai, President of the “Académie de Bernadac”**

**18 : 00 End of discussion**

**Monday 27 October – evening**

**Dinner with industrial partners**

**Public: industrial partners of UTSEUS**

**Place: Continental Room - Garden Hotel - 33F**

**19 : 30 Appetizer and Signature of the partnership agreements**

***Companies:***

**AIR LIQUIDE - Fabien ARTIGOU (to be confirmed)**  
**CABINET VIDON - Patrice VIDON and François VIEILLESZAZES**  
**CHINA MATERIALIA - Patrick BERBON**  
**CITYZEN DATA - Mathias HERBERTS and Hervé RANNOU**  
**FAURECIA - Laurent BRAULT**  
**OXYLANE - Romain BAILLIVET**  
**SIVECO - Bruno LHOPITEAU**  
**SUEZ Environnement SITA - François JENNY**  
**TECHNOCHINA INDUSTRIES – Nicolas VITOUX (to be confirmed)**  
**XEROX - Julien PEREZ (to be confirmed)**  
**WIREDCRAFT – Ronan BERDER (to be confirmed)**  
**ZTE - Lu Xun**

***Academics:***

**LUO Hongjie, Director, Shanghai University (to be confirmed)**  
**Alain STORCK, President, Group of French Universities of Technology, UTC Director**  
**Pierre KOCH, UTT Director**  
**Pascal BROCHET, UTBM Director**  
**QIAN JinWu, Dean, UTSEUS**  
**MonZen TZEN, French Dean, UTSEUS**  
**ZHANG JianHua, Vice-Dean, UTSEUS**  
**Xavier MOQUET, Development manager, UTSEUS**  
**DU Mengxia, Communication assistant, UTSEUS**

**20 : 15 Dinner**

**Tuesday 28 October – daytime**

**Research workshop**

***Public: researchers, companies and students***

***Language: English***

**09 : 00 Workshop “Hack Your City”**

In the name of the Innovation week, UTSEUS and ComplexCity laboratory with the support of their partners organize an *hackathon* in Shanghai open to all the talents: designers, makers, developers, planners, geographers, citizens. Their goal is to translate into action the slogan of 2010 World Expo in Shanghai *Better City, Better Life*. It consists for the participants of “Hack Your City 2014” in creating and designing innovative applications prototypes from urban data fraction of which already gathered by the lab. Enhancing cultural heritage, green and funny walk-able itinerary, help people to move in ... are all innovation where technology is made available to all shanghainese, city residents or tourists to make their life better.

Creative sprint, short and intensive, “Hack Your City” gathers 40 participants with various skills spread into 8 teams that have to develop their ideas into a project and then into a prototype in only 8 hours. They receive help from professionals of design, visualization, innovation and project management, computer science or urbanism. At the end of the *hackathon*, the teams share their work during a public conference and to jury members that will, after deliberation, award a prize to the best realization right after the public conference in the evening.

**Tuesday 28 October – evening**

**Public conference**

***Public: all public***

***Languages: French and Chinese (simultaneous translation)***

**19 : 00 Conference-discussion**

**“Different perspectives on innovation and sustainable development in Europe and China”**

***Speakers:***

- **Denise PUMAIN, Professor, Paris Panthéon-Sorbonne University, Member of the *Institut Universitaire de France***
- **WAN WangGen, Professor, Shanghai University**

**20 : 00 Award ceremony of Innovation Week**

**20 : 30 Cocktail**