

Co-organized by:



## 6th ICT Alliance Workshop Phase II Kick-Off Event

24-26 September 2013 in Shanghai

### 中欧 信息通信技术联盟 第六次会议

Supported by:



Venues:

**24-25 September 2013 - Workshop Day1 & Day 2:** Shanghai Institute of Microsystem and Information Technology (SIMIT), Chinese Academy of Sciences (CAS), 865 Changning Road, 200050 Shanghai (<http://english.sim.cas.cn/au/>).

**26 September 2013 – New Initiatives and Partner Meetings Day:** Sino-Finnish Centre, Tongji University, 100 Zhangwu Rd , 200092 Yangpu District, Shanghai (<http://sinofinnishcentre.org>).

**Organized by the China-Finland ICT Alliance Coordinators:**

*WiCo - Shanghai Research Center for Wireless Communications (host), and*

*DIGILE - The Finnish Strategic Center for Science, Technology and Innovation in ICT*

(note: TIVIT has expanded and been renamed to DIGILE in August 2013, see, [www.digile.fi](http://www.digile.fi))

## Program of the Workshop

### 24 September 2013: Kick-Off Day

*Location: SIMIT*

9:00 Opening of the Workshop by ICT Alliance coordinators

Chairmen: *Prof. Yang Yang, WiCo, and Prof. Matti Hämäläinen, DIGILE*

9:05 – 10:00 Role of China–Finland ICT Alliance as a concrete platform for international cooperation

*Mr. Xing Jijun, Deputy Director General of CSTEC, MoST*

*Mr. Jarmo E. Heinonen, Consul (Science and Technology), Head of Tekes Shanghai*

*Mr. Yang Yang, Director of Shanghai Research Center for Wireless Communications*

*Ms. Marja Aspelund, Consul General of Finland in Shanghai*

10:00 – 10:15 Phase II projects Kick-off and Photo

10:15 – 11:15 Keynote speeches

5G Activities in China, *Dr. Fusheng Zhu, Chief Engineer of ZTE Corporation*

Internet Of Things and Future Networks, *Prof. Sasu Tarkoma, University of Helsinki*

11:15- 11:30 Tea & coffee break

11:30 – 12:00 Review of ICT Alliance: achievements, new projects and new Initiatives in planning

*Prof. Yang Yang, Wico and Prof. Matti Hämäläinen, DIGILE*

Summary of Results of Phase I projects

Moving Forward: Overview of Phase II new projects and activities for developing new initiatives

12:00 – 12:45 Panel discussion: The Future of the ICT Alliance – jointly creating a recognized open research and innovation platform for international collaboration

Panelists include speakers of the morning and invited experts, facilitated by the ICT Alliance coordinators.

12:45 – 14:00 Lunch

14:00 – 15:30 Phase I projects Wrap-up: Key achievements

by project representative of Chinese and Finnish side

Future Wireless (15 min+ 15 min)

*Yang Yang, WiCo*

*Chen Tao, VTT Technical Research Centre of Finland*

Future Networking (15 min+ 15 min)

*Qimei Cui, BUPT (tbc)*

*Mikko Valkama, Tampere University of Technology and Riku Jäntti, Aalto University*

Future Services (15 min+ 15 min)

*Honglin Hu, WiCo*

*Matti Hämäläinen, Aalto University*

15:30 Closing of Plenary session

15:30 – 15:45 Tea & coffee break

15:45 – 18:30 Team meetings of Phase II projects

## **25 September 2013: Phase II New Projects Day**

*Location: SIMIT*

9:00 – 9:15 Introduction to Phase II Finnish projects funded by Tekes “Finland-China Research Call”, *Mr. Teemu Varonen, Senior Adviser, Finland-China collaboration in ICT, Tekes*

9:15 Presentation of the 6 projects from Finland (presented by project lead, 20 min + 10 min Q&A each)

- Everyday Sensing (cloud, IoT, data analysis, and social media), *Jukka Riekk, University of Oulu*
- Sensing City Traffic, *Timo Nyberg, Aalto University*
- Energy-Efficient Wireless Networks and Connectivity of Devices – Densification, *Antti Tölli, University of Oulu*
- Energy-Efficient Wireless Networks and Connectivity of Devices – Systems, *Riku Jäntti,*

11:15 – 11:30 Tea/Coffee break

11:30 – 12:30

- Finland’s Enhanced Navigation using COMPASS/Beidou Signals, *Laura Ruotsalainen, Finnish Geodetic Institute*
- Finnish-Chinese Green ICT R&D&I Living Lab for Energy Efficient, Clean and Safe Environments, *Heikki Pentikäinen, VTT Technical Research Centre of Finland*

12:30 – 13:30 Lunch

13:30 – 13:45 Introduction to Phase II Chinese projects funded by MOST

13:45 – 15:15

Presentation of the 3 projects from China (presented by project lead, 20 min + 10 min Q&A each)

- IoT (applied to traffic information)
- Green wireless access technologies,
- Vehicle-to-Vehicle Communication,

15:15 Closing of the Plenary session

15:30 – 19:00 Reserved for partner and company meetings and presentations (3 rooms available at SIMIT)

## **26 September 2013: China-Finland ICT Alliance New Initiatives and Partner Meetings Day**

*Location: Sino-Finnish Centre, Aalto-Tongji Design Factory, 100 Zhangwu Rd , 200092, Shanghai*

*ICT Alliance New Initiatives and Partner Meetings Day* is arranged to provide an opportunity to present and plan new initiatives in areas of joint interests and to meet with interested researchers/teams as well as companies. We welcome both those who are involved in the current projects as well as those interested in joining the future activities. The day also provides an opportunity to become familiar with the Sino-Finnish Centre (SFC) in Shanghai, established for joint research, design, innovation, education and industry – university collaboration. It can act as one “platform” and forum for ICT Alliance activities.

10:00 – 10:30 Welcome. Sino-Finnish Centre: an Environment for Collaboration in research, development, design, innovation & education, *Matti M. Hämäläinen, Operative Director, Sino-Finnish Centre*

10:30 – 12:00 Towards the future: extending current work and preparing new joint initiatives  
Chaired by *Matti Hämäläinen, DIGILE & Aalto*

Suggested topics for working groups are listed below. In addition to joint research activities the initiatives are suggested to include the following when fit for the topic:

- joint pilots in Finland and in China
- related joint education and innovation activities
- plan for scaling to international activities in EU and other international cooperation.

Introduction to suggested topics (5 min pitch each to introduce the topic before moving to working groups):

- New opportunities in Future Networks (5G, IoT networking, low energy, and other)
- IoT Hubs – connecting IoT deployments across space and time for opportunities in experimental research, innovation and business
- New open mobile and embedded platforms – open sw, open hw and open design
- Intelligent spaces: smart home, smart living, assisted living (e.g. solutions for elderly)
- Intelligent traffic and mobility of people in urban environments
- Geoservices and navigation
- Big Data and Cloud Services in Sino-Finnish/EU cooperation
- Green Campus – monitoring of energy use, environment (e.g. air quality) and user behavior

You are welcome to bring a poster to help introduce your position and for discussion in working groups. You may also choose to propose new potential theme for collaboration.

12:00 – 12:30 Pitches of the participating companies: introduction and interests in collaboration (list to be provided separately).

12:30 – 13:30 Buffet Lunch

13:30 – 16:00 Parallel working sessions and company meetings

16:00 Closing of the day

**Notes:**