

SPICE Project Document

Scanning the Potentialities for Future ICT Research Collaboration between China & the European Union



Definition of agenda, dates and target groups for workshops

WP2, Deliverable D2.4.2

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The SPICE project partners are:

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| 1 | eutema | eutema Technology Management GmbH, Austria |
| 2 | CSTEC | China S&T Exchange Center, P.R. China |
| 3 | Skillnet | Skillnet GmbH, Germany |
| 4 | CATR | China Academy of Telecommunication Research of Ministry of Information Industry of P.R.China, P.R. China |
| 5 | CHTF | China Hi-Tech Transfer Center, P.R. China |
| 6 | Skill Sh | Skillnet Consulting (Shanghai) Co., Ltd., P.R. China |

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Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Comm. Services)	
RE	Restricted to a group specified by the consortium (incl. the Comm. Services)	
CO	Confidential, only for members of the consortium (incl. the Comm. Services)	



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General Definitions and Requirements

The consultation process within China is based on targeted communication, through seminars and consultation workshops. The latter is to be described in this document.

The result of these workshops is a better understanding of the ICT research potentials in the targeted area, and the identification of high-potential players.

Topics of the consultation workshops

The topics of these events will cover strategic issues and ranking of sub-areas, best-practice, etc. These topics include:

- ICT research: policies and funding in Europe
- FP7 scope and rules for participation
- FP7-ICT programme contents
- Chinese participation in European FP5 and FP6
- Introduction to SPICE
- Cooperation ideas (specific speakers introduce the profile of their companies or institutes, as well as their special interest in cooperating with European partners)
- Specific technical topics in relation to the strengths of the targeted region

First, the project team decided the locations then the workshop organisers (CSTEC or CATR or CHTF) discussed with local representatives the specific topics of the workshops. The location was decided by all project partners based on the analysis and background information as of Task 1.2.

The coordinator is / was in charge of selecting representatives from Europe to be invited to the workshops.

Steps taken:

1. Selection of the locations of workshops
2. Organisers of the workshops together with local representatives set the frame of the topics
3. Speakers to be agreed by all parties
4. Invitation of Chinese representatives

The topics and locations must be met approx. 60 days before the workshops. The first round of workshops will be held end of May and beginning of June 2007. Earlier dates were not recommended because of the ICT 1st call for proposals with its deadline on 8th May. Together with the locations of the workshops, also the organisers are decided. CSTEC, CATR and CHTF are organising the seven workshops in different regions.



Target groups

The target groups of the consultation workshops are S&T governments, research institutes, universities, regional Science parks, ICT companies.

The strategy for advertising the workshops is to expand the impact of the workshops regionally by inviting different group of Chinese experts coming not only from academia but also from the industry.

A basic condition for Chinese actors to be part of the target group are english language skills. A common communication base is essential and mandatory for establishing a successful research cooperation.

The participants of the first set of workshops were fully in line with the target group. The audience of these workshops consisted of 60 to 200 experts.

Locations

A total of seven workshops was planned to be held in several regions. The selection of regions is based on findings of Task 1.2 "Collecting Existing Information", Task 1.3 "Analysis & Research of Chinese ICT Potentials" and the other tasks of WP2. The following regions are actually considered as locations for consultation workshops: Beijing, Tianjin, Shanghai, Chongqing, Chengdu, Dalian, Shenzhen, Qingdao, Xiamen, Wuhan, Xi'an, Nanjing, Hangzhou, Suzhou, Guangzhou, Jinan, Lanzhou. Regarding ICT regions, some cities were combined to large regions (e.g. Beijing and Tianjin). The indicators to be used were agreed to be consistent with European indicators.

The first set of workshops were prepared before the analysis on the potential of Chinese regions has been finished. Thus, a pre-selection had to be taken. Three regions have been fixed as top-potential ICT regions early, because of several essential and obvious indicators: Beijing, Shanghai, Shenzhen. A workshop in Shenzhen was impossible because of organisational reasons. Therefore another fixed top-potential ICT region was chosen for the first round of workshops: Xi'an.

Based on desktop analysis the discussion on top locations was led at the second project management meeting (two days before the first consultation workshop). The 7 top ICT-regions in China as agreed by the consortium are the following:

- Beijing (including Tianjin)
- Chengdu
- Dalian
- Shanghai (including Hangzhou and Suzhou)
- Shenzhen (including Guangzhou and Dongguan)
- Wuhan
- Xi'an



Furthermore, the consortium agreed on 5 more regions with high ICT potential, that will be analysed within SPICE to some extent (but not in full detail), but will not host a workshop. These are:

- Chongqing
- Jinan
- Nanjing
- Qingdao
- Xiamen

The forum at CHTF'2007 will cover also the potential participants of a workshop in Dongguan or Guangzhou, so we agreed to combine the planned forum at CHTF'2007 with the workshop in Shenzhen region.

SPICE is planning the second set of workshops in September and/or in October. The scope and structure is actually discussed by the consortium based on the experiences with the first set of workshops.

Programme of the Consultation Workshops

General agenda for all workshops

The agenda will first be available at the website and selected organisations and persons will be invited. It is envisaged that the workshops address topics related to the ICT strengths of local / regional Chinese players, potentials of the divers ICT sub-areas, opportunities in terms of collaboration, R&D funding programmes and international collaboration issues in general. SPICE will use the first bi-annual workprogramme of the new ICT programme within FP7 for the information workshops. The consortium will produce a newsletter to inform Chinese players on actual R&D opportunities in FP7 and thus attract them to the workshops.

The consultation workshops will be organised and moderated by the Chinese members of the SPICE consortium, who will be assisted in the organisation and analyses by the European partners. This will assure, in addition, the dissemination of needful information about project proposal submission (FP7) or similar organisational matters related to the objectives of SPICE (e.g. mapping). The workshops are planned to exist of presentations of participating Chinese organisations and of focus groups that serve as basis for further analyses.

The consultation workshops will be organised in 2 parts each. The first general part will be on the topic of FP7 and funding opportunities. The second part of the workshops will focus on the specific strenghts of the regions (e.g. software) and discuss technical issues.



Some workshops will be held in conjunction with another event, e.g. a local ICT conference. The workshops will need 6-10 speakers to be invited. The European experts are needed to attract the desired Chinese audience.

The workshops will be held in English language, but simultaneous translations might be needed in some cases. The presentations of the speakers should be sent to translators in advance, to give the latter time to study technical expressions and to prepare properly.

The workshops will ask for filling questionnaires to detect ICT strengths of regions and players. The ICT categories list will be used in both languages, english and chinese. A strong participation of the audience is necessary for our aims.

A project management meeting will take place before the first set of consultation workshops at the same city as the first consultation workshop will be organised. The organiser of the first workshop should also host the meeting.

Accompanying Meetings

In the frame of the workshops the project team will have individual meetings with important representatives from local authorities, research and industry. These may be directors of local authority, heads of S&T centers, university rectors, heads of research departments of industry, etc. These meetings are planned together with the consultation workshops.

The meetings will take place in the cities of the workshops or in the surrounding area that is part of the targeted regions. Three to four meetings will be organised for each region. The organisation of the meetings will be taken by each organiser of the respective workshops.

Agendas for first set of SPICE Consultation Workshops in Beijing, Xi'an and Shanghai, May 2007

May 24th, 2007

9:30 Opening Ceremony of CHITEC

May 25th, 2007

8:30 Onsite visit CATR (China Academy of Telecommunication Research of Ministry of Information Industry of P.R.China)

SPICE Workshop in Beijing, venue: Xiyuan Hotel

13:30 Welcome speech by CHEN Futao, Director General of China S&T Exchange Center, Ministry of Science and Technology of China

13:40 Welcome speech by Alison BIRKETT, First Counsellor for Information Society and Media Section, EC delegation to China



- 13:50 Welcome speech by XING Jijun, Director for China-EU S&T cooperation, Chinese Ministry of S&T
 - 14:00 EU-China R&D Cooperation in FP7 ICT, Bernd WOHLKINGER, SPICE project coordinator
 - 14:15 EU-China R&D cooperation in Open Source, Rishab Aiyer GHOSH, Project Coordinator FLOSSWORLD
 - 14:30 Success story of a Sino-French IT Lab, Stephane GRUMBACH, Director LIAMA
 - 14.45 Future development of Beijing ICT industry, ZOU Tong, Director of Beijing Municipal Office of Informatization
 - 15:00 EU-China R&D cooperation in Open Source, Cedric THOMAS, CEO of OW2
 - 15:15 EU-China R&D cooperation in Open Source, Stefano DE PANFILIS, Director Research and Development Labs of Engineering Ingegneria Informatica
 - 15:30 Coffee break
 - 15:45 Success stories of China-EU R&D Cooperation, XU Weiling, Director CATR
 - 16:00 China-EU R&D cooperation in IT security, Dieter GOLLMANN, Head of Institute at the Hamburg University of Technology
 - 16:15 EU-China R&D cooperation in mobile TV / DVB-H, Steven LUITJENS, Philips, Project Coordinator MobiServe
 - 16:30 EU-China R&D cooperation in Grid, Giuseppe ANDRONICO and , INFN, Technical Manager of EU-China Grid Project and Sijin QIAN, Peking University
 - 16:45 Conclusion
- May 26th, 2007
- 9:00 CHITEC Exhibition
- May 27th, 2007
- Flight to Xi'an
 - 16:00 meeting with Shaanxi Scientific and Technical Exchange Centre with Foreign Countries
- May 29th, 2007
- 08:30 meeting with Mr. QIU Yilu, Deputy Director General of Shaanxi S&T Commission
- SPICE Workshop in Xi'an, venue: Gloria hotel
- 09:00 Welcome speech by QIU Yilu, Deputy Director General of Shaanxi S&T Commission
 - 09:10 Welcome speech by Alison BIRKETT, First Counsellor for Information Society and Media Section, EC delegation to China
 - 09:20 EU-China R&D Cooperation in FP7 ICT, Bernd WOHLKINGER, SPICE project coordinator



- 09:40 Introduction to FP7 and participation rules for Chinese organizations, LI Ning, Program Coordinator of the China-EU S&T Cooperation Promotion Office
- 10:00 Success stories of China-EU R&D Cooperation, HE Bo, CATR
- 10:15 Cooperation with Chinese R&D organisations of Infineon Xi'an, Michael TIEFENBACHER, CEO Infineon Xi'an
- 10:30 Coffee break
- 10:40 Application of IT in the protection of heritage and digital museum, HE Mingyi, professor of Southwestern Industrial University
- 11:00 Future development of 3G, LI Jiandong, Xi'an University of Electronic Industry
- 11:20 EU-China R&D cooperation in Grid, Giuseppe ANDRONICO, INFN, Technical Manager of EU-China Grid Project, & and Sijin QIAN, Professor of Peking University
- 11:40 Distributed System Management: from network management to service management, TANG Yazhe, Xi'an Jiaotong University
- 12:00 Application of IT in the safe production of Coal Mines, LU Jianju, Professor of Xi'an University of Technology
- 12:20 Network Information Security, RONG Xiaofeng, Xi'an Industrial University
- 12:30 Conclusion

- 14:00 technical visit to Xi'an Datang Telecommunications
- 16:00 technical visit to Xi'an Hi-tech Industries Development Zone

May 30th, 2007

Flight from Xi'an to Shanghai

- 16:00 meeting with Shanghai Centre for Scientific and Technological Exchange with Foreign Countries

May 31st, 2007

- 8:30 meeting with Mr. ZHANG Ao, Municipal Counsellor of the Shanghai Government

SPICE Workshop in Shanghai, venue: Galaxy hotel

- 09:00 Welcome speech by Mr. ZHANG Ao, Municipal Counsellor of the Shanghai Government
- 09:10 Welcome speech by Bernd WOHLKINGER, SPICE project coordinator
- 09:20 EU-China R&D Cooperation in FP7 ICT, Bernd WOHLKINGER, SPICE project coordinator
- 09:40 Introduction to FP7 and participation rules for Chinese organizations, LI Ning, Program Coordinator of the China-EU S&T Cooperation Promotion Office
- 10:00 Cooperation opportunities with the EU on the Information Service System of 2010 Shanghai World Expo, GU Junzhong, East China Normal University



- 10:20 Cooperation with Chinese R&D organisations of NXP Semiconductors, Patrick PYPE, Director NXP
- 10:40 Intelligent Transportation Information Services Based on Shanghai Grid, LI Minglu, Shanghai Jiao Tong University,
- 11:00 Coffee Break
- 11:15 EU-China R&D cooperation in mobile TV / DVB-H, Steven LUITJENS, Philips, Project Coordinator MobiServ
- 11:35 EU-China R&D cooperation in Grid, Giuseppe ANDRONICO, INFN, Technical Manager of EUChinaGrid Project and Mr. Sijin QIAN, Professor of Peking University
- 11:55 Research Activities of Auto-ID Lab at Fudan, WANG Junyu, Fudan University,
- 12:15 China-EU R&D perspective cooperation in Global Computing, Marzia BUSCEMI, IMT Lucca, SENSORIA Project
- 12:30 Conclusion

- 14:00 technical visit to Shanghai Multimedia Valley
<http://www.smv.com.cn>

- 18:00 meeting with Mr. YIN Hong, governor of Zhabei district Shanghai

Agendas for second set of Consultation Workshops in Dalian, Wuhan, Chengdu, September 2007

The agendas of the second set are not fixed yet.

Organisation of the Consultation Workshops

Timing

CATR drafted a list of relevant events in China in 2007 that might have synergies with the consultation workshops. The dates of the workshops were selected and fixed based on that analysis. There will be two "sets" of workshops, a first set of three workshops a few months earlier than the second set. The second set of workshops will be based on the experiences of the first set of workshops. The first set of workshops will be held in May/June 2007. The second set in September resp. in October, partly in conjunction with the China-High-Tech-Fair 2007.

Organisers

The project outline planned CSTEC to organise three workshops, CATR two workshops, and CHTF also two workshops. The distribution of workshop regions



to the SPICE partners CSTEC, CATR and CHTF will be discussed among those three partners.

The schedule for preparing the first set of workshops was the following:

- April 09-15: finishing workshop agendas by CSTEC
- April 16-22: disseminating the workshop information to potential EU participants by eutema
- April 23-29: defining final list of EU participants and speaker by eutema
- April 30-May 6: asking EU speakers to finish their speeches by eutema
- May 7-13: send invitation letters to EU participants by CSTEC
- May 14-20: collection of EU participants' speeches

Invited Speakers

Important European speakers are crucial for attracting relevant players and for getting a desired larger audience in the consultation workshops of Task 2.4. Speakers from the European Commission and from European industry are very supportive, but also European experts on FP7 are good speakers for our objectives.

The speakers of the first set of workshops (Beijing, Xi'an, Shanghai) were:

Name	Organization	Title/Position
Mr. Giuseppe ANDRONICO	INFN / EUChinaGrid Project	Technical Manager
Ms. Alison BIRKETT	EU delegation in China	First Counsellor
Ms. Marzia BUSCEMI	IMT Lucca / SENSORIA Project	Assistant Professor / Project Delegate
Mr. Ad DE BEER	Philips / Mobiserve Project	Project Coordinator
Mr. Stefano DE PANFILIS	Engineering Ingegneria Informatica	Director Research and Development Labs
Mr. Rishab Aiyer GHOSH	UNU-MERIT / FLOSSWorld Project / FirstMonday	Senior Researcher / Project Coordinator / Managing Editor
Mr. Dieter GOLLMANN	Hamburg University of Technology	Head of Institute "Security in Distributed Applications"
Mr. Stephane GRUMBACH	LIAMA - The Sino-French IT Lab	Director
Mr. Gregory LOPEZ	Thales	Open Source Dep. Manager
Mr. Steven LUITJENS	Philips Research	Director
Ms. Julie MARGUERITE	Thales	Project Manager
Mr. Sijin QIAN	EUChinaGrid Project	Project Partner
Mr. Patrick PYPE	NXP Semiconductors	Director European Affairs



Mr. Rudolf SIEBENHOFER*	Siemens	President & CEO
Mr. Michael TIEFENBACHER	Infineon Technologies	General Manager
Mr. Cedric THOMAS	OW2	CEO
Mr. Bernd WOHLKINGER	eutema / SPICE Project	Project Coordinator
Mr. Philip Cong YAO	Skillnet Shanghai	General Manager

* Mr. Siebenhofer was unavailable as speaker at short notice

Ms. **Alison Birkett** is first counsellor at the European Commission Delegation in China, the representation of the European Commission. The Delegation was established in Beijing in October 1988. The mission of the Delegation in China is to widen, deepen and intensify the dialogue and cooperation in all the EU's areas of competence with China. The Delegation is responsible for the conduct of official relations between China and the European Community. The Delegation is a natural point of contact between the EU and the Chinese authorities as well as others in China. The Delegation keeps the European Commission abreast of significant political, economic and other developments in China and facilitates the operation and development of bilateral co-operation agreements. Alison Birkett is First Counsellor for Information Society & Media at the Delegation.

Mr. **Stephane GRUMBACH** is director of LIAMA, a Sino-French IT Lab in Beijing. This joint lab has been created in 1997 by the French Institute for Computer Science and Control, INRIA and the Institute of Automation of the Chinese Academy of Sciences, CASIA. The lab hosts half a dozen research projects involving about 70 researchers and students. The Lab has been a pioneer in Sino-European projects supported by the European Commission and the Ministry of Science and Technology in China. LIAMA also contributes to the promotion of open source software. Mr. Grumbach is researcher in the field of databases, and worked for many years in the Verso project at INRIA on the development and the foundations of query languages for complex data types, such as complex objects, spatio-temporal data and statistical data. He has developed the DEDALE system, a spatial database prototype based on constraints. He is currently interested in pervasive information and query processing for dynamic networks of communicating mobile objects. Mr. Grumbach is PhD advisor in the University of Paris XI as well as in the Institute of Automation of the Chinese Academy of Sciences. He has also been involved in the management of international relations. From 2000 to 2003, he has been director for international relations at INRIA, and then became science counselor in the French Embassy in Beijing from 2003 to 2005.

Mr. **Stefano DE PANFILIS**, is the Director of the Research & Development Laboratories Department of Gruppo Engineering, leading a team of about 100 researchers in Italy and Europe. He has been involved in software development, process customisation, support, monitor, and control. In April



1994, he started his involvement in European funded R&D projects, he started and coordinated SeCSE (IST FP6), an Integrated Project with the aim of implementing a platform to support Service-Centric Systems Engineering, he managed the CBSEnet (IST-FP5 Network of Excellence), CLARiFi (IST FP5), DOOR (ESPRIT FP4), SQUAD (INCO-DC), and VALSE (TV&TT Initiative) projects, as well as the ENG-SODEPRO, DECO' and DOMINARE ESSI PIEs (Process Improvement Experiments). Currently, he is coordinating QualiPSo (IST FP6), an Integrated Project with the aim of leveraging Open Source Software development to widely recognised industrial standards, leading a consortium of more than 20 partners spanning Europe, Brazil and China. He actively participated since its beginning to the creation and setting up of the NESSI ETP of which he is the Coordinator of the Strategic Research Agenda Committee.

Mr. **Cedric THOMAS** is CEO of OW2, a consortium merged from ObjectWeb and Orientware, an independent open source organization. Since its inception in January 2002, ObjectWeb a joint project between INRIA, Bull and France Telecom, has grown into a mature community spanning three continents. The OW2 Consortium was initiated on January 1, 2007 through the merger of ObjectWeb and Orientware, two leading open source middleware communities of renown industry players, innovative start-ups, prominent academic organizations and individuals from across the world. The OW2 Consortium is an open source community committed to making available to everyone the best and most reliable middleware technology. OW2 mission is to develop open source code middleware and to foster a vibrant community and business ecosystem.

Mr. **Patrick PYPE** is Director for European Affairs at NXP Semiconductors. NXP is a newly independent semiconductor company (founded by Philips) with a fifty-year history of providing engineers and designers with semiconductors and software that deliver better sensory experiences for mobile communications, consumer electronics, security applications, contactless payment and connectivity, and in-car entertainment and networking. Building on its heritage in consumer research, significant R&D investment and world-class industry partners, NXP's "vibrant media technologies" allow consumers to enjoy better sensory experiences - brilliant images, crisp clear sound and easy sharing of information in homes, cars and mobile devices.

Mr. **Rudolf SIEBENHOFER** is President and CEO of Siemens branch for software and system engineering in Nanjing. Siemens, headquartered in Berlin and Munich, is one of the world's largest electrical engineering and electronics companies and holds leading market positions in all its business areas. The company has approximately 475,000 employees working to develop and manufacture products, design and install complex systems and projects, and tailor a wide range of services for individual requirements. Siemens provides innovative technologies and comprehensive know-how to benefit customers in over 190 countries. Founded 160 years ago, the company focuses on the areas of Automation and Control, Power, Transportation, Medical, Information and Communications and Lighting.



Mr. **Giuseppe ANDRONICO** is Technical Manager of the EUChinaGrid Project. EUChinaGRID is an initiative to extend the European GRID infrastructure for e-Science to China. The first aim of EUChinaGRID is to facilitate scientific data transfer and processing in a first sample of application areas that have already strong collaborations between Europe and China. These pilot applications will immediately profit of the new infrastructure, and will be subsequently regarded as the driving force to test and deploy an effective grid infrastructure between Europe and China. Dr. Andronico is working at the National Institute of Nuclear Physics. INFN is an organization dedicated to the study of the fundamental constituents of matter, and conducts theoretical and experimental research in the fields of subnuclear, nuclear, and astroparticle physics. Fundamental research in these areas requires the use of cutting-edge technologies and instrumentation, which the INFN develops both in its own laboratories and in collaboration with the world of industry. These activities are conducted in close collaboration with the academic world.

Mr. **Rishab Aiyer GHOSH** is an Open Source Initiative board member. Amongst other things, he is Founding International and Managing Editor of peer-reviewed journal First Monday, and Programme Leader of FLOSS at UNU-MERIT. He has undertaken several global, high-profile studies on Free/Libre/Open-Source Software (FLOSS). His work helps reshape the global understanding of FLOSS, including in the academic world. UNU-MERIT is a joint research and training centre of United Nations University (UNU) and Maastricht University, The Netherlands. The joint Institute was created on 1 January 2006 following the integration of the former UNU-Institute for New Technologies (INTECH) in Maastricht, and the Maastricht Economic Research Institute on Innovation and Technology, MERIT, at Maastricht University. Free/Libre/Open Source Software (FLOSS) is arguably one of the best examples of open, collaborative, internationally distributed production and development that exists today, resulting in tremendous interest from around the world, from government, policy, business, academic research and developer communities. However, empirical data on the impact of FLOSS, its use and development is still quite limited. The FP5 FLOSS project and FP6 FLOSSPOLs project have helped fill in the gaps in our knowledge about why and how FLOSS is developed and used, but have necessarily been focussed on Europe. FLOSS is a global phenomenon, particularly relevant in developing countries, and thus more knowledge on FLOSS outside Europe is needed. FLOSSWorld primarily aims to strengthen Europe's leadership in international research in FLOSS and open standards, and to exploit research and policy complementarities to improve international cooperation, by building a global constituency of policy-makers and researchers.

Mr. **Steven LUITJENS** is director of Philips research, Mr. **Ad de BEER** is Project Coordinator of Mobiserve project. The general goal of MOBISERVE is to develop new technology and new user interaction concepts of a few newly defined rich-media service scenarios for mobile terminals based on a DVB-H mobile broadcast infrastructure and additional wireless networks. The rich-media application and added value convergent technology are intended for



enhancing the consumer experience at big (sports) events (Olympics) and will enable sharing this experience at home. The consumer perception of the new service will be evaluated in a test trial at the Olympics in Beijing, China. The consistent usage of multiple sources of information through multiple channels (DVB-H, WiFi, GSM/GPRS) will be addressed. Based on those findings extension of the technology used in the end-to-end system like content preparation, head-end, broadcast infrastructure and the terminal (hardware and software) are improved and evaluated. This will lead to extension of the relevant standards for the "second phase" of DVB-H. The project is aimed for the target country China. This provides a unique opportunity to show the enormous potential of the flexible DVB-H standard in China. Moreover, it allows the EU-based core partners to interact with Chinese partners and get a feel for the options in the Chinese market. The close collaboration with privileged partners opens options for now and will pave the way for future collaborations. MOBISERVE will be in a position to influence the Chinese discussion on standardisation of mobile digital TV.

Mr. **Dieter GOLLMANN** is Head of Institute for Security in Distributed Applications at the Technical University Hamburg-Harburg, Germany. TUHH is a competitive entrepreneurial university focussing on high-level performance and high quality standards. TUHH is dedicated to the principles of Humboldt (unity of research and education). TUHH has a strong international orientation and also focusses on its local environment. It does so by contributing to the development of the technological and scientific competence of society, aiming at excellency at the national and international level in its strategic research fields and educating young engineers and academics within demanding programmes using advanced teaching methods.

Mr. **Michael TIEFENBACHER** is General Manager of Infineon Technologies Xi'an Co., Ltd. (IFCX) established in June, 2003, located in Xi'an High-Tech Development Zone. The business scope includes: Researching & Development, Sales and Service on Semiconductor and IC's hardware and software; the system solution to customer; Technical consulting, technologies transferring, and technical Service; Trial production and Sales for new products. Infineon is a leading innovator in the international semiconductor industry. The products serve applications in the wireless and wireline communications, automotive, industrial, computer, security and chip card markets. The product portfolio consists of both memory and logic products and includes digital, mixed-signal and analogue integrated circuits (ICs) as well as discrete semiconductor products and system solutions.

Ms. **Marzia BUSCEMI** is Assistant Professor at IMT (Institutions Markets Technologies) Lucca Institute for Advanced Studies, Italy. IMT is a graduate school designed to best integrate research, innovation and education. IMT was founded as an independent institution by a partnership between four leading Italian universities (Politecnico di Milano, Scuola Superiore Sant'Anna, Università di Pisa, Università LUISS Guido Carli) and the Fondazione Lucchese per l'Alta Formazione e la Ricerca (FLAFR), a private foundation in Lucca which aims to promote social and economic growth in Italy via higher education.



Marzia Buscemi is member of the European Global Computing IST project SENSORIA (Software Engineering for Service-Oriented Overlay Computers). The aim of SENSORIA is to develop a novel comprehensive approach to the engineering of software systems for service-oriented overlay computers where foundational theories, techniques and methods are fully integrated in a pragmatic software engineering approach. It focuses on global services that are context adaptive, personalisable, and may require hard and soft constraints on resources and performance, and it takes into account the fact that services have to be deployed on different, possibly interoperating, global computers, to provide novel and reusable service-oriented overlay computers.

Mr. **Sijin QIAN** is the group leader of Peking University group in EUChinaGRID project funded by European Commission under the 6th Framework Programme. Peking University (PKU) has been ranked as one of the top and most prestigious universities in China for many decades. Two subgroups in PKU are participating in EUChinaGRID pertaining to different disciplines of sciences: Biology and Physics. The Beijing Nuclear Magnetic Resonance Center (BNMRC) is a national center for bio-molecular structural studies in China located at PKU; this group will work on the application work package to make use of new grid technology to enhance the quality of Never-Born-Protein (NBP) applications. The high energy physics group led by Prof. S. QIAN in PKU has participated in the CMS experiment on Large Hadron Collider at European Organization for Nuclear Research (CERN), in Geneva (Switzerland), since 10 years ago; it will use the computing grid on the huge amount of Monte-Carlo event generation and data analysis. Prof. S. QIAN has been working at CERN for participating in the particle physics experiments since 1987. He is also working on the new computing grid technology in last 5 years and has been engaged in the close collaboration between European and Chinese academic and technology communities.