

# Chinese-European Networking Symposium

**Research Networks,  
Advanced Networks  
and Broadband  
Solutions**

*Full  
programme  
included*

*28 Nov 04*

**9-10 December 2004**

**Shanghai, China**



Information Society  
Technologies

**ULB**



Atos  
Origin

## Attend to:

- **Understand** *the latest trends in "eInfrastructures"*
- **Determine** *the key success factors for Chinese-European Networking Projects*
- **Identify** *potential partners and research networking projects in China and **establish links** with them*
- **Learn** *about trends in Chinese advanced networking solutions*



[www.ec-bridge.org](http://www.ec-bridge.org)  
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## 9-10 December 2004, Shanghai, China

### Event overview

The EC-BRIDGE Shanghai Conference is an initiative of the **European Commission, Directorate General Information Society**, in the framework of the IST programme and is supported by the **Chinese Government**.

The EC-BRIDGE Shanghai Conference aims at **strengthening the co-operation** between the European Union and China in the field of research networks, advanced networks and broadband solutions, challenging the **partnership opportunities** between the EU and China.

The EC-BRIDGE Shanghai Conference will empower the European and Chinese participants with a comprehensive knowledge about **opportunities for collaboration** under the 6<sup>th</sup> Framework Programme and the IST programme.

The conference thus presents a unique opportunity for European and Chinese companies and institutions to exchange innovative and successful experiences, improve scientific and technological research and initiate steps towards enhanced co-operation in advanced networks and broadband solutions, making full use of the **newly deployed infrastructures**.

### Conference programme

The EC-Bridge Shanghai conference programme provides a stimulating mix of plenary presentations and parallel sessions along distinct streams and themes of relevance to research networks and broadband solutions in Europe and China (including advanced applications based eg. on grid technology).

The conference programme supports **the aim of this event which is about the creation of synergies** with the different research communities in China (such as radio astronomers, bioengineers, etc) that would like to co-operate with their European counterparts by making full use of the benefits of the already deployed infrastructure (and the link that will very soon be deployed to Asia via the TEIN2 project).

A recently conducted **Trends Mapping Study** will be presented on Research Networks and Broadband Solutions. The study will be made available to the public in order to facilitate cooperation and provide up-to-date information for decision-makers.

### Date and Location

9-10 December 2004.

Everbright Center, Shanghai, China

### Who should attend

Decision-makers, managers, IT professionals, public officials, policy makers and governmental administration representatives, researchers operating in the field of Research Networks and Broadband. Representatives of European projects in the field of advanced networks are particularly encouraged to apply.

### Special features

#### Project opportunities

EC-BRIDGE Shanghai Conference will **encourage joint proposal submission** by European and Chinese actors under the 6th Framework Programme and the IST Programme in particular.

The European Commission will **explain the funding possibilities** for joint research activities of European and Chinese organisations. Officials from the Ministry of Science and Technology (MoST) and Ministry of Education ((MoE) in China will give keynote speeches.

#### Exhibition area

A first-rate **exhibition area** provides a platform for European and Chinese organisations to showcase their research results and technological offerings. This exhibition is open to industrial companies, service providers, academic and research institutes, policy makers, public and governmental administration representatives.

#### Face-to-face meetings

VIP rooms will be available for those wishing to **discuss concrete proposals**. The rooms should be reserved in advance or on site.

**A welcome reception** for European participants will take place with the Chinese organisers on Wednesday 8 December (18:00 – 19:00) at the Everbright Centre.

#### A social event

A surprise event will take you to one of Shanghai's brightest spots on Thursday evening.

#### Companion programme

An interesting companion programme will be available to entertain your companions during the conference.

For more information about EC-BRIDGE Shanghai conference, please contact:

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### What is a “eInfrastructure”?

**A coherent ensemble forming a pervasive communication and collaboration Infrastructure.**

The research and education communities around the world started to embrace the benefits of advanced communication capabilities supporting their collaborative efforts. High-speed networks, like GÉANT, as well as advanced collaboration infrastructures exploiting Grid technologies, like EGEE, offer a whole new way of research to be carried out. Together with new protocols like IPv6, they provide the elements to realise the global Information Society.

eInfrastructures are the **collection of all tools, facilities and resources** that are needed nowadays for advanced collaboration. This includes the integration of various technologies and components like communication channels, computing power, data storage, Grid-based middleware and resource sharing into an eInfrastructure that encompasses all of that and as such creates a new, more powerful and all inclusive element providing one-stop-shop services. This essential infrastructure is already fundamental for scientists around the globe and is gradually moving into changing the every day life of citizens.

The provision of a **seamless and pervasive** eInfrastructure that lays the framework for many new and imaginative services for the benefit of society is paramount for the creation of a global Information Society and consequently constitutes an important item on the agenda of the **European Union and other regions in the world.**

### When is the next EC Call for Proposals for Research Infrastructures? and what is it about?

By the **end of the year 2004**, a call on consolidating activities for eInfrastructures will be launched by the EC focussing on three main aspects:

- Reinforce the research scientific communities **engagement** in the use of the eInfrastructure;
- Reinforce and stimulate eInfrastructure **policies** for science and engineering, and policy based management actions and tools ;
- Support **international aspects** of eInfrastructures.

**Proposals** may include specifically targeted initiatives for potential user communities, surveys, feasibility and demand analyses, actions to address policy based management, concertation activities, and path finding actions that identify and explore new areas for eInfrastructures.



# EC-BRIDGE conference: 9-10 December 2004

## Conference Programme

Thursday, 9 December 2004

Time	Session 1	Session 2
9.00 – 18.00	Registration	
9.00 – 10.30	<b>Welcome addresses</b> Chinese Governmental officials Ulf DAHLSTEN, European Commission DG INFSO	
10.30 – 11.00	Coffee break	
11.00 – 12.30	<b>Plenary Session</b> Maria RAMALHO NATARIO (EC/eInfrastructure) Dai DAVIES (DANTE/GEANT/TEIN2) Jianping WU (CERNET Activities) Hualin QIAN (CSTNET Activities)	
12.30 – 13.30	Lunch	
13.30 – 15.00	<b>Research Networks and eInfrastructures</b> Fabrizio GAGLIARDI (EGEE) Xinman LI (CERNET Operation) Mingxu QIU (CSTNET Operation)	<b>Network Applications</b> Shiyong ZHANG (Distance Education) Jose M. CAVANILLAS (ATOS - OLYMPIC project) Jingchu LUO (Bio applications)
15.00 – 15.30	Coffee break	
15.30 – 17.00	<b>IPv6</b> Valentino CAVALLI (6NET) Chongrong LI (CERNET IPv6 Activities) Dong LIU (Probe of IPv6 Application Practice)	<b>Participation in EC Programmes and eEurope Standardization activities</b> Jacques BABOT (EC/DG Information Society) Antonio CONTE (EC/DG Enterprise)
17.00	Social event	



# EC-BRIDGE conference: 9-10 December 2004

## Conference Programme

Friday, 10 December 2004

Time	Session 1	Session 2
9.00 – 10.30	<b>Middleware/Network Security</b>  Xinran LIU (Network Security)  Jian GONG (CERNET Network Security solutions)  Kostas ANAGNOSTAKIS (LOBSTER)	<b>Research Infrastructures (1)</b>  Arnaud CONTES (INRIA, Grid middleware and tools)  Weimin ZHENG (ChinaGRID Infrastructure)  Xuebin CHI (CAS Computing Grid Environment)
10.30 – 11.00	Coffee break	
11.00 – 12.30	<b>Access Networks Technologies and Interoperability testing</b>  Damian DYGON (ComArch)  Yan MA (Wireless Access)  Weinong WANG (Broadband Access)  Philippe COUSIN (ETSI)	<b>Research infrastructures (2)</b>  Mike GARRETT (JIVE)  Hong Xiaoyu (Astronomy)  Kai NAN (CAS, Scientific Data Grid)  Antonio FUENTES BERMEJO (Grids in Spain and Latin America)
12.30 – 13.30	Lunch	
13.30 – 15.30	<b>Panel Discussion :</b>  <b>China and Europe working together – opportunities for joint collaboration</b>  Chinese officials, CERNET representatives, EU representatives	
15.30 – 16.00	Coffee break	
16.00 – 17.30	<b>Closing Session</b>  Mario CAMPOLARGO, EC DG Information Society, Head of Unit Alison BIRKETT, EU Delegation in China, First Counselor for Information Society Local Governmental officials (Beijing and Shanghai) Presentation of the EC-Bridge Beijing Event, Kay MATZNER & Nicole TURBE-SUETENS	



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# EC-BRIDGE conference: 9-10 December 2004

## Organisers

The conference is organised by the [European Commission](#), Directorate General Information Society under the [IST \(Information Society Technologies\) programme](#). The event is officially supported by the Chinese Government.

### About Information Society Technologies Programme (IST)



A major theme of research and technological development within the European Union's Sixth RTD Framework Programme (2002-2006). IST is a single, integrated research programme that builds on the convergence of information processing, communications and media technologies. IST is managed by the Information Society DG of the European Commission. <http://www.cordis.lu/ist>

The strategic and logistical issues of the EC-BRIDGE Shanghai conference organisation are contracted to the following bodies:

### China Research and Education Network (CERNET)



CERNET is China's first and largest national academic Internet backbone and currently the second largest Internet backbone in China. CERNET has about fifteen-million end users and about 1,300 universities and institutions members. Its backbone bandwidth is 2.5Gbps, and it has 38 Giga PoPs and reaches more than 200 cities all over the country. CERNET is creating leading edge Internet services and support advanced applications. CERNET is also the major participant for the large project named China Next Generation Internet, which is a five-year plan and supported by Chinese government since 2003. It will establish the largest part of test bed for next generation Internet designs, which is named CERNET2, and keeping China's computer scientists at the forefront of the field. Chinese government believes that CERNET is playing the most important key role in future Internet research. [www.edu.cn](http://www.edu.cn)

### Université Libre de Bruxelles (ULB)



ULB ("Université Libre de Bruxelles") is one of the largest Belgian universities with about 18000 students, over 5000 staff, seven faculties including medicine and engineering, and a number of associated schools.

"Service Télématique et Communication" (STC) belongs to the Faculty of Sciences and is an R&D group active in a range of projects related to advanced telematics applications, services and infrastructure. Research, development, consultancy and training contracts are concluded with public and private institutions, including the European Commission, Belgian Ministries, and a large number of top level industrial companies. <http://www.iihe.ac.be>

### Atos Origin



**Atos Origin s.a.e** (the merger between **SchlumbergerSema** and **Atos ODS Origin**) is the Spanish branch of a major international IT services

company, Atos Origin plc. Atos Origin's business is turning client vision into results through the application of consulting, systems integration and managed operations. The company's annual revenues are more than EUR 5 billion and it employs 47,000 people in 50 countries. Atos Origin in Spain has about 5,000 people distributed in several cities. Areas of application are Business, Public Administration, Industry, and Communications. The general strategy of the Company concentrates on IT consulting, systems integration and outsourcing. It derives from an excellent customer service, which is based on a key success factor in the domains where Atos Origin operates: the technological dimension. <http://www.atosorigin.com>



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# EC-BRIDGE conference: Research Networks, Advanced Networks and Broadband Solutions

9-10 December 2004, Everbright Center, Shanghai, China

## 1. How to register:

Please register through our web site  
at: <http://www.ec-bridge.org/>  
and go to "register"

for any information, please call +32-2-629-3211  
E-mail: [vanbinst@helios.ihe.ac.be](mailto:vanbinst@helios.ihe.ac.be)

## 2. Visa information:

Entrance to China is requested a valid visa for citizens of most countries. You are advised to check it at the Chinese embassies and/or consulates in your country. Participants who need a visa are strongly advised to make their application at their home countries as soon as possible.

Information on how the organisation team will send you an invitation letter is available on the web site  
<http://www.ec-bridge.org/> under "logistics".

## 3. Information about accommodation:

**Shanghai Everbright  
Convention & Exhibition  
Center  
International Hotel**

**Shanghai Everbright Convention & Exhibition Center (SECEC)**, invested and constructed by China Everbright Group, ensures an ideal venue for exhibition, conference, hotel, office, apartment, business, catering, and entertainment.

SECEC is in the vicinity of a downtown center-Xujiahui, with Xujiahui commercial area and Shanghai Stadium in the north, JinJiang Amusement Park in the South, Caohejing Development Zone-the earliest national high-tech project in the west and Longhua Tourist Site-the renowned scenic spot in Shanghai in the east. SECEC enjoys convenient transportation with a stone's throw from Caobao Road subway station, inner ring viaduct and viaduct railway, and 20-minute drive from Hong Qiao International Airport. Besides, around 18 public

transportation routes pass or neighbour the community.

Address: n° 66 Cao Bao road – Xuhui district – Shanghai - China

For room reservation in Shanghai Everbright Convention & Exhibition Center, please download the Reservation Form on our website [www.ec-bridge.org](http://www.ec-bridge.org) and fax it to Yanjing FAN fax: +8621-64325440 or telephone to +8621-64325440ext.34009 to check your room reservation.

For information about reservations, please contact

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