



information from imagery

ISPRS Hangzhou 2005 Workshop

Service and Application of Spatial Data Infrastructure

Hangzhou, China
14 – 16 October 2005

PROGRAMME

Organisers

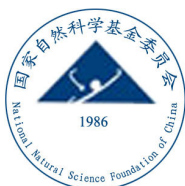
ISPRS WGIV/1 “Spatial Data Infrastructure”
ISPRS WG IV/8 “Spatial Data Integration for Emergency Services”
ISPRS ICWG II/IV “Dynamic and Multi-Dimension Systems and Applications”

Co-Organisers

CEOS WGISS
GSDI
ISO /TC211 AG on outreach
PCGIAP WG II “Fundamental Data”
PCGIAP WG III “Cadastre”

Sponsors

National Natural Science Foundation of China
ESRI China (Hong Kong) Limited
National Geomatics Center of China
Zhejiang Bureau of Surveying and Mapping, China
China Association of GIS



BACKGROUND AND OBJECTIVE OF THE WORKSHOP

In recent years, significant developments have been made in Spatial Data Infrastructure (SDI). Datasets of various types have been produced at national, regional and global levels. Efforts have also been made at city level. However, currently value-add services and operational applications of SDI are still at exploration stage. This leads to the idea of holding a workshop on this special topic.

The workshop is a joint workshop of ISPRS working groups, i.e. WG IV/1 “Spatial Data Infrastructure”, WG IV/8 “Spatial Data Integration for Emergency Services” and Inter-Commission WG II/IV “Dynamic and multi-dimensional Systems and Applications”, together with Permanent Committee on GIS Infrastructure (PCGIAP) WGs, The CEOS Working Group on Information Services and Systems (CEOS-WGISS), Global Spatial Data Infrastructure Association (GSDI) and ISO/TC211 AG on Outreach. The objective of the workshop is to provide a platform for scholars and professionals in relevant areas to exchange research ideas and interests, to present the newest research results, to discuss the cutting-edge technology, and to promote the development of SDI in Asia and the Pacific Region and the international collaboration.

WORKSHOP ORGANISING COMMITTEE

- Chair: Jie JIANG (Chair, ISPRS WG IV/1), China
- Co-Chair: Gabor Remetey-Fulopp (Co-chair, ISPRS WG IV/1), Hungary
John Faundeen (Chair, CEOS-WGISS), U.S.A.
- Members: Jonathan Li (Co-chair of ISPRS WG IV/8), Canada
Winnie Tang (Chief Executive Officer, ESRI China (H.K.) Ltd.), H.K., China
Ivan Petiteville (Vice Chair, CEOS-WGISS), Italy
Alan R. Stevens (Chair of Conference Planning Committee, GSDI), U.S.A.
Chuang LIU (User Vice Chair, CEOS-WGISS), China
Andrea Fabbri (Secretary, ISPRS WG IV/8), The Netherlands
Gholam Reza Fallahi (Chair, PCGIAP WG II), Iran

SCIENTIFIC COMMITTEE

- Chair: John Trinder (1st Vice President, ISPRS), Australia
- Co-chairs: Jun CHEN (Congress Director, ISPRS), China
Shailesh Nayak (President, ISPRS Technical Commission IV), India
- Members: Jie JIANG (Chair, ISPRS WG IV/1), China
Sisi Zlatanova (Chair, ISPRS WG IV/8), The Netherlands
Jean Pierre Antikidis (CEOS-WGISS), France
Hans Knoop (ISO /TC211 AG on outreach), Germany
Christopher Gold (Chair, ISPRS IC WG IIIV/), U.K.
Zhilin LI (Co-Chair, ISPRS IC WG IIIV/), Hong Kong, China
Ian Williamson (Chair, PCGIAP WG III), Australia
Qiming ZHOU (Hong Kong Baptist University), Hong Kong, China

LOCAL ORGANISING COMMITTEE

- Jie JIANG (Chair, ISPRS WG IV/1), China
Gang HAN (Secretary, ISPRS WG IV/1), China
Tao XU (Zhejiang Bureau of Surveying and Mapping), China
Dengzhou WU (China Association of GIS), China
Jingwei LI (National Geomatics Center of China), China
Xu ZHOU (National Geomatics Center of China), China

WORKSHOP SECRETARIAT

For Papers and Technical Programme

Dr. Jie JIANG
Mr. Gang HAN
Division of Thematic Applications
National Geomatics Center of China
1 Baishengcun, Zizhuyuan, Beijing, 100044
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Fax: +86-10-68424101
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hgbj0001@sohu.com

For Workshop Registration and Hotel & Tour Reservation

Ms. Huan ZHAO
China Comfort Travel Co., Ltd.
11th Floor, Jingchao Plaza, No.5, Nongzhangaun Nanlu, Beijing 100026
P.R. China
Phone: +86-10-6595 6417
Fax: +86-10-65918261
E-mail: zhaohuan@cct.cn

Workshop Website

<http://isprs-wg41.nsd.gov.cn/>
<http://www.commission4.isprs.org/wg1>

WORKSHOP VENUE

The Workshop will be held in the Conference Center located in Zhijiang Hotel Hangzhou, which is one of the largest and most famous four-star hotel in Hangzhou, situated in the centre district of the city and 2.5km away from the West Lake. The building of the hotel is connected with the conference venue by corridor.

Address: No.188-200, Moganshang Road, Hangzhou, China, 310005
Tel: 86-571-88066888
Fax: 86-571-88064966
E-mail: zjhotel@zj-hotel.com.cn
Http://www.zj-hotel.com.cn

If you go by taxi, please show the following sign to the taxi driver if necessary.

请送我到杭州之江饭店

Please take me to Zhijiang Hotel Hangzhou

地址: 杭州莫干山路 188-200 号

Add: No.188-200, Moganshan Road

电话: 86-571-88066888

Tel: 86-571-88066888

传真: 86-571-88064966

Fax: 86-571-88064966

REGISTRATION

The registration fee of the workshop is listed below.

Participant	US\$ 250.00	or RMB 2000	all workshop sessions, the material package, the identity badge, the workshop proceedings, the welcome reception, dinner in the evening of Oct.15, lunches and coffee breaks from Oct.14th to 16th
Full time student	US\$ 180.00	or RMB 1500	
Full time student	US\$ 125.00	or RMB 1000	all workshop sessions, the material package, the identity badge, the workshop proceedings, coffee breaks from Oct.14th to 16th
Accompanying person	US\$ 100.00	or RMB 800	access to the Workshop Venue, the material package with a local souvenir, the identity badge, the welcome reception, dinner in the evening of Oct.15, the lunches and coffee breaks from Oct. 14th to 16th

The Workshop has authorized China Comfort Travel Group Co., Ltd. (CCT), as the official Workshop Agency to handle all the registration and hotel reservation.

All participants are required to submit a completed REGISTRATION FORM and the registration fee before Sept.15, 2005. The pre-registered participants are expected at the registration desk to pick up the Workshop materials, ensure all the reservations or make small adjustments if necessary, simply by showing the confirmation of registration received from the Workshop Secretariat.

The participants who are not pre-registered are requested to go through the registration procedures at the on-site registration desk. Since the reservations of the hotel rooms, social events and tours will be made on first-come-first-served basis, some requirements might not be met at the time of on-site registration.

The Registration Desk will be open for on-site registration and enquires.

Date	Open Hours	Place
Wednesday, October 12 Thursday, October 13	08:00-22:00	Lobby, Zhijiang Hotel
Friday, October 14	08:00-09:00 09:00-17:00	Lobby, Zhijiang Hotel Office of Workshop Secretariat
Saturday, October 15 Sunday, October 16	08:00-17:00	Office of Workshop Secretariat

Workshop Programme at a Glance

Friday 14 October	9:00-10:00	Opening Ceremony	
	10:00-10:30	Tea Break	
	10:30-12:00	Keynote Speeches	
	12:00-13:30	Lunch	
	13:30-15:00	Plenary Session 1 (PL1)	
	15:00-15:30	Tea Break	
	15:30-17:00	Plenary Session 2 (PL2)	
	18:30-21:00	Welcome Reception by SBSM and NGCC	
Saturday 15 October	8:30-10:00	Technical Session 1 (TS1)	Technical Session 2 (TS2)
	10:00-10:30	Tea Break	
	10:30-12:00	Technical Session 3 (TS3)	Technical Session 4 (TS4)
	12:00-13:30	Lunch	
	13:30-15:00	Technical Session 5 (TS5)	Technical Session 6 (TS6)
	15:00-15:30	Tea Break	
	15:30-17:30	Technical Session 7 (TS7)	Technical Session 8 (TS8)
	18:30-20:30	Dinner Hosted by Zhejiang Surveying and Mapping Bureau	
Sunday 16 October	8:30-10:00	Technical Training (TT)	
	10:00-10:30	Tea Break	
	10:30-12:00	Technical Training (Countinue)	
	12:30-13:30	Lunch	
	13:30-15:30	Technical Training (Countinue)	
	15:30-16:00	Tea Break	
	16:00-16:30	Closing Ceremony	
	18:00-20:00	Supper	

WORKSHOP PROGRAMME

Thursday, 13 October	
08:00-22:00	Arrival and Registration (Lobby)
Friday, 14 October	
08:00-9:00	Arrival and Registration (Lobby)
09:00-10:00	<p>Opening Ceremony Meeting Room: Mid-Size Hall Chair: Jie JIANG</p> <p>Welcome Addresses <i>Ian Dowman</i>, President of ISPRS, U.K. <i>Chaozhi SONG</i>, Vice Director of State Bureau of Surveying and Mapping, China <i>Kai YANG</i>, General Secretary, Chinese Society of Geodesy, Photogrammetry and Cartography <i>Deyuan GU</i>, Director of Zhejiang Bureau of Surveying and Mapping, China</p>
10:00-10:30	Tea Break
10:30-12:00	<p>Keynote Speeches (Mid-Size Hall) Chair: John Trinder</p> <p>Is geo-services ready? ----On generalized and specialized spatial information grid <i>Deren LI</i>, Wuhan University, China</p> <p>The future of spatial data infrastructures <i>Ian Masser</i>, University College London, U.K.</p> <p>Cross-agency alignment of geospatial investments for spatial data infrastructure development <i>Kate Lance</i>, International Institute for Geo-Information Science and Earth Observation (ITC), The Netherlands</p>
12:00-13:30	Lunch (Dinning Hall of Zhijiang Hotel, Ticket Required)
13:30-15:00	<p>Plenary Session 1: Advanced Development of SDI (1) (Mid-Size Hall) Chair: Jun CHEN</p> <p>Earth observation and SDI for managing environmental catastrophes <i>Ian Dowman</i>, President of ISPRS, University College London, U.K.</p> <p>The Evolution of ISPRS Activities in the Spatial Information Sciences: Developments in SDI in Australia <i>John Triner</i>, 1st Vice President of ISPRS, University of NSW, Australia</p> <p>Continuous Updating of Geo-spatial Databases <i>Jun CHEN</i>, Congress Director of ISPRS, National Geomatics Center of China, China</p> <p>Temporal and Spatial Footprint Coverages of Earth Observation Data <i>John L. Faundeen</i>, Chair of CEOS-WGISS, U.S.G.S. National Center for EROS, U.S.A.</p> <p>The US National Spatial Data Infrastructure: What is new? <i>Alan R. Stevens</i>, FGDC, U.S.G.S., U.S.A</p> <p>LiDAR Mapping <i>Sherman S. C. WU</i>, U.S. Department of Energy, USA</p>
15:00-15:30	Tea Break
15:30-17:00	<p>Plenary Session 2: Advanced Development of SDI (2) (Mid-Size Hall) Chair: Gábor Remetey Fülöpp</p> <p>ISO Standards and the Implementation <i>Hans Knoop</i>, ISO/TC211 AG on outreach, Technical University of Braunschweig, Germany</p> <p>Spatial Portals: Adding Value to Spatial Data Infrastructures <i>Winnie TANG, J. Selwood</i>, ESRI China (Hong Kong) limited, Hong Kong, China</p> <p>New Concepts for Data Services Offered by “Virtual Implementation” <i>Jean Pierre Antikidis</i>, CNES, France</p> <p>Beyond SDI: The Case of Victoria <i>T. O. Chan*</i>, <i>E. Thomas, B. Thompson</i>, Department of Sustainability and Environment, Australia</p> <p>Adaptive Architecture of Geospatial Information Service over the Internet with QOGIS Embedded <i>Huayi WU, Hanwu ZHANG, Xiaojing LIU, Xia SUN</i>, Wuhan University, China</p> <p>The Role of Imagery Segment in the INSPIRE-Friendly National Spatial Data Infrastructure—The Case of Hungary <i>Gábor Remetey Fülöpp</i>, Ministry of Agriculture and Rural Development, Hungary</p>
18:30-21:00	<p>Welcome Reception hosted by SBSM and NGCC</p> <p>Restaurant: Hangzhou HUAZHONGCHENG OU XIANG JU (Lotus Fragrant House) Restaurant Gather at the Lobby of Zhijiang Hotel at 18:00 (Ticket required)</p>

Saturday, 15 October

08:30-10:00

Technical Session 1: Information Sharing & Interoperability (Room 201)

Chair: Hans Knoop

Overview of the Geo-information Standardization in China*Li LI*, General Secretary of SAC/TC230, China**“X-GDF” – The ISO Model for Geographic Information for ITS***Rob van Essen, Volker Hiestermann*, Tele Atlas N.V., The Netherlands**Building Spatial Knowledge Infrastructure***Bela Markus*, University of West Hungary, Hungary**A Multifunction Web Based Metadata Tool Design and Implementation for NSDI***O.Emem, F.Batuk*, Yildiz Technical University, Turkey**OAI-PMH Based Interoperation for Spatial Metadata***Haixia MAO*, Wuhan University, China**The Study and Design of Geo-spatial Metadata Manage System Based on USDI***Cheng PENG, Jing LI, Chun-bo LIU, Tong-kui LIAO*, Beijing Normal University, China**Technical Session 2: Data Processing and Mining (Room 301)**

Chair: Toan Nguyen

Using a Three Dimensional Spatial Database to Orthorectify Automatically Remote Sensing Images*S. Baillarin, A. Bouillon, M. Bernard, M. Chikhi*, CNES, France**Mining Fuzzy Spatial Configuration Rules: Methods and Applications***R.LAN, Wenzhong SHI, X. YANG, G. LIN*, Zhengzhou Institute of Surveying and Mapping, China**Virtual Environments for Spatial Data Infrastructures on Computing Grids***T. Nguyen, L. Wang, J.P. Antikidis*, INRIA, France**SDI Qualification Using TQM Concept***A. D. Moghaddam, M.R. Delavar*, University of Tehran, Iran**Realization of Data Mining Model for Expert Classification Using Multi-scale Spatial Data***Shuang ZHANG, Xuehua LIU*, Tsinghua University, China**A New Image Matching Algorithm with Modified Greedy Algorithm for Remote Sensing Imagery***Xuwen QIN, Li LI, Shufang TIAN*, China University of Geosciences (Beijing), China

10:00-10:30

Tea Break

10:30-12:00

Technical Session 3: SDI for Emergency Services (Room 201)

Chair: Stuart Wilmer Doescher

Use of Commercial Remote Sensing Satellite Data in Support of Emergency Response*S. W. Doescher, R. Risty, R.H. Sunne*, U. S. Geological Survey, U.S.A.**SDI Conceptual Modelling for Disaster Management***Ali Mansourian, Abbas Rajabifard, Mohammad Javad Valadan Zoej*, K.N.Toosi University of Technology, Iran**Transport Contaminated Ground Water in Fractured Chalk***Yousef Zandi*, Tabriz Islamic Azad University, Iran**Spatial Data Infrastructures, Web Services, and Emergency Management***Çetin CÖMERT, Halil AKINCI*, Karadeniz Technical University, Turkey**Research on Integration of SDI with Geological and Meteorological Data for Meteorological Forecast and Alarm of Geological Disasters***Weidong ZHAO, Yunxia LI, J. Q. WANG*, Hefei University of Technology, China**Technical Session 4: Global and Regional SDI (Room 301)**

Chair: Alan R. Stevens

Global Spatial Data Infrastructure(GSDI): Encouraging SDI Development Internationally*Alan R. Stevens*, GSDI, U.S.A.**Establishment of Precise Geodetic Network for Al Ain Region***Kamal Abdellatif Abdalla*, Al Ain Town Planning, United Arab Emirates**Geospatial Data Portal of Asia and the Pacific Area --Status and Problems***Xu ZHOU*, National Geomatics Center of China, china**Legal Aspect of Access to Geo-information within Indonesian Spatial Data Infrastructure***R. Abdulharis, B. van Loenen, J. Zevenbergen*, Delft University of Technology, The Netherlands**An Integrated Multi-goal Regional Planning Platform Based on Remote Sensing and GIS***Xinhui MA, Bingfang WU, Zhiming LUO, Lan ZENG*, Institute of Remote Sensing Applications, CAS, China**Local SDI for Medium Sized Developing Cities in China, taking Xuzhou as an Example***Zhigang YAN, PeiJun DU, H.R. ZHANG, G.L.CHEN*, China University of Mining and Technology, China

Saturday, 15 October

12:00-13:30 Lunch (Dinning Hall of Zhijiang Hotel, Ticket Required)

13:30-15:00

Technical Session 5: SDI in Urban Areas and Marine Areas (Room 201)

Chair: Anrong DANG

Study on the System of Technical Methods for Digital Urban Planning

Anrong DANG, Huizhen SHI, Haoying HAN, Lei WU, Tsinghua University, China

Foundation Framework for City Underground Spatial Data

Lei XU, Lixin WU, Defu CHE, Yun JIANG, China University of Mining and Technology, China

The Spatial Relationship between the Distribution of Ommastrephes Bartrami and Marine Environment in the Western North Pacific Ocean

Wenyu WANG, Quanzhen SHAO, Beijing Institute of Civil Engineering and Architecture, China

Research on the Construction of Urban Spatial Data Infrastructure

Xiaosheng LIU, Youliang CHEN, Hexia WENG, Jiangxi University of Science and Technology, China

Construct 3D City Model By Multi-Sensor data

Fei DENG, Zuxun ZHANG, Jianqing ZHANG, Wuhan University China

SDI Construction and its Applications in Urban Planning and Land Administration, Wuhan, China

Mingjun PENG, Wuhan University, China

Technical Session 6: Update and Quality Control of the Spatial Data (Room 301)

Chair: Masaaki Shikada

Collaboration of REAL TIME GIS and Spatial Data for Large Scale Map

Aki OKUNO, Sota SHIMANO, Masaaki SHIKADA, Kanazawa Institute of Technology (KIT), Japan

Methods and Implementation of the Geospatial Databases Integration and Update towards E-government

Junsan ZHAO, Xue LI, Yaolong ZHAO, Tao XU, Xiaodong FU, Wuhan University, China

Some Key Techniques on Updating Spatial Data Infrastructure by Satellite Remote Sensing Imagery

Peijun DU, Yunhao CHEN, China University of Mining and Technology, China

A Study on Method for Quality Control of Spatial Data in The Poyang Lake Area

Xiaosheng LIU, Weibo WU, Xiaoli ZHU, Tongji University, China

Study of Fuzzy Uncertainty of GIS Products

Hongyou LIANG, Shengwu HU, Chaofei QIAO, Henan Polytechnic University, China

The Incertitude Disposal Methods of The Spatial Data

Minghao LIU, Chongqing University of Posts and Telecommunications, China

15:00-15:30

Tea Break

15:30-17:00

Technical Session 7: Modelling Methods and Models for SDI (Room 201)

Chair: Wei GUO

Unified Representation of Three Dimensional City Models

Qing ZHU, Fengchun LI, Yeting ZHANG, Wuhan University, China

Optical network design with geographic distribution information

Wei GUO, Jing GUO, Yaohui JIN, Weiqiang SUN, Weisheng HU, Shanghai Jiao Tong University, China

3D Modeling of Small Antique Based on the Projector-Camera System

Jun TAO, Zuxun ZHANG, Jianqing ZHANG, Wuhan University, China

3D Modeling of Small Industrial Parts Based on the Projector-Camera System

Jun TAO, Wuhan University, China

A Model for Topological Relationships Based on Euler number

Xiaoguang ZHOU, Jun CHEN, Zhilin LI, Renliang ZHAO, Jianjun ZHU, Central South University, China

Indexing of the Discrete Global Grid Using Linear Quadtree

Jianjuna BAI, Xuesheng ZHAO, Jun CHEN, China University of Mining and Technology, China

A Multi-scale GIS Database Model Based on Petri Net

Zhangcai YIN, Wuhan University of Technology, China

Saturday, 15 October

15:30-17:00

Technical Session 8: Implementation & Application of SDI (Room 301)

Chair: Xu ZHOU

Metropolitan Growth Monitoring and Landuse Classification Using Geospatial Techniques*Amjed S. Almas, C. A. Rahim, M. J. Butt, Tayyab I. Shah*, University of the Punjab, Pakistan**Spatial Information Grid and Its application in Geological Survey***K. T. HE, Y. TANG, W. X. YU*, National University of Defense Technology, China**A Large-area Terrain Simulation on PC***Chaoqun WANG, Lingkui MENG, Zhiyong LIN*, Wuhan University, China**Geographical Information Service Based on Application Server***Yun ZHANG, Jianming HUANG, Kaiwen ZHONG*, Gungzhou Institute of Geography, China**Visualized application of GIS in mining subsidence analysis***Huayang DAI, Zuorua YIN, Zhiyi DENG*, China University of Mining and Technology, China**Remote Sensing Image Based Evidence Saving from Damage Real Estate GIS***Qiu LI*, Hebei University of Engineering, China**A Solution Study of Geomatics Data Interoperability based on Oracle Spatial***Jianguo HE, Dazhi GUO*, China University of Mining and Technology, China

18:30-21:00

Dinner hosted by Zhejiang Bureau of Surveying and Mapping

Restaurant: WangHu (Lake view) Chinese Restaurant

Gather at the Lobby of Zhijiang Hotel at 18:00 (Ticket required)

Sunday, 16 October

08:30-15:30

Technical Training: Introduction to GIS Portal (Room 201)

Lecture: Ms Jeanne Foust (ESRI Inc.)

(1) Introduction

- Benefits of GIS Portal for SDI
- Portal for the PCGIAP
- Part of the life-cycle of SDI
- Portal complements data delivery of CDs with Readers.

10:00-10:30 Tea Break

(2) Standards and Interoperability

- Support for ISO metadata profiles
- OGC support
- Service Oriented Architecture enabling Interoperability

12:00-13:30 Lunch (Dinning Hall of Zhijiang Hotel, Ticket Required)

(3) Technical Review

- GIS Portal Toolkit Overview
- Metadata creation and management
- Operational Aspects of GIS Portals
(In Depth Review of US NSDI's Geospatial One Stop Portal)
- Development Trends
- Q&A

15:30-16:00

Tea Break

16:00-16:30

Closing Ceremony (Room 201)

18:00-20:00

Supper (Dinning Hall of Zhijiang Hotel, Ticket Required)

SOCIAL EVENTS

The LOC of the Workshop has planned Social Events for the participants and accompanying persons. The costs of the listed events have been included in the registration.

SE-1: Welcome Reception

Time: 18:30-21:00, 14 October, 2005

Place: Hangzhou HUAZHONGCHENG OU XIANG JU (Lotus Fragrant House) Restaurant
(Gather at the Lobby of Zhijiang Hotel at 18:00)



SE-2: Dinner

Time: 18:30-21:00, 15 October, 2005

Place: WangHu (Lake view) Chinese Restaurant
(Gather at the Lobby of Zhijiang Hotel at 18:00)

Note: Invitation cards or tickets are required for the social events.

ABOUT HANGZHOU

Hangzhou is the capital city of Zhejiang Province, located on the southeastern coastline of China. She is the southern terminus of the Grand Canal, and one of China's leading tourist attractions.



Hangzhou exists as a prefecture from the start of the Qin dynasty (221 - 206 BC). She was the capital of Wu Yue in the Five dynasties (907-960 AD) and the South Song dynasty (1127-1279). When Marco Polo visited Hangzhou in the end of the thirteenth century, he said the city is "the City of Heaven, the most beautiful and magnificent in the world."



Today Hangzhou is one of China's most developed city, but still keep her pretty scenery and excellent environment. She wins the titles of State Sanitation City, International Garden City, etc. It is said that no tour of China would be complete without visiting Hangzhou and enjoying the Xihu lake's stunning natural beauty.



Hangzhou has a subtropical monsoon climate with mild and moist weather and four distinct seasons; about 115-120 days of summer, 110-120 days of winter; frost-free of 250 days. The average temperature in October is 15-25°C



People in Hangzhou speak mandarin Chinese with local accent. Although most hotels employ staff fluent in English or other second languages, foreigners might find it difficult to make themselves understood by people on the street and thus are suggested to have addresses or instructions written down in Chinese for taxi drivers or others. Credit cards such as Visa, American Express and MasterCard are acceptable at hotels, large restaurants and shopping centers and can be cashed in the City Branch of the Bank of China.

CITY TOURS

The LOC of the Workshop has prepared the following tours in and around Hangzhou for participants and accompanying persons during the Workshop. All tours are quoted on a basis of groups of 5 people and up. The quotations are subjected to change if less than 5 people sign up. The local tour fees include an English-speaking tour guide, air-conditioned bus, entrance fees and Chinese lunch (just for whole day tour). Children under 1.2 meters height pay half price.

LT1: West Lake-Viewing Fish in the Flowering Harbor-Leifeng Pagoda

(US\$36/p, Oct.15, 08:30 - 12:00)

- Viewing Fish at Flowery Harbor of the West Lake, now has been made into a 22 hectares park with many varieties of trees and flowers, featuring a peony garden and a goldfish pond which is the famous site for viewing fish.
- The Leifeng Pagoda, first built in 976 AD on the south bank of the world famous West Lake, is almost a household name in China thanks to the popular folk tale, The legend of the White Snake, a touching love story about a girl who changed into a snake and a young man.

LT2: Wuzhen

(US\$50/p, Oct.15, 13:00 - 18:00)

- WUZHEN, a town with a history of 1200 years, is just 50 minutes' drive from Hangzhou City. This small town, with its black tiled, tung oil painted timber framework houses, that contrast sharply with its white walls and gray flagging, brings to mind a Chinese ink and wash painting. The river running through the town was once the main means of transportation for local people, but these days is little used, other than for festive celebrations, when bulk cargo is shipped in. The window sills of the houses on the banks of the river are further extended with boards, on which flowers, plants and bonsai bloom in the warm sunshine, adding a touch of life and color to this tranquil, old style town.

LT3: One day tour in Shanghai (Yuyuan Garden and Jade Buddha Temple)

(US\$85/p, Oct.16, 08:30 - 18:00)

- Located in the Old Town of Shanghai, YuYuan Garden, originally built in 1559, is a classical Chinese garden.
- Jade Buddha Temple was built between 1911 and 1918, housing 70 resident monks. Its exterior is easily identifiable by its bright saffron walls. Inside, the centerpiece is a two-meter-high white jade sitting Buddha encrusted with jewels.

LT4: Tiger-Pawing Spring-Lingyin Temple-Feilai Peak

(US\$40/p, Oct.16, 08:30 - 12:00)

- Tiger Pawing Spring Park locates at the White Crane Peak of Daci Hill on the West Lake. It has Tiger Pawing Temple, Tiger Spring, Dicui Rock, pagoda of Five Dynasties, Dreaming Tiger sculpture, pagoda of master Hong Yi, Hall of Jigong, compound of Jigong Bell Tower and five hundred disciples of Buddha.

POST-WORKSHOPTOURS

PT1: Hangzhou-Kunming-Dali-Lijiang-Shanghai

Price: Single Occupancy US\$1645/person; Double Occupancy US\$1495/person (include intercity transportation, hotel accommodations (three or four star hotel), regular meals, an English speaking tour guide and entrance fees)

Schedule:

- Oct.17: Hangzhou – Kunming by air, then Kunming – Dali by air, transfer to hotel
- Oct.18: Go to Three Pagodas, Butterfly Spring and Butterfly Museum, Old Town of Dali, Boat Trip on Erhai Lake
- Oct.19: Coach Dali – Lijiang, Transfer to hotel, Ancient City, Black Dragon Pool
- Oct.20: Jade Dragon Snow Mountain, Jade Peak Lama Temple, White Water River, Baisha Mural Paintings
- Oct.21: Lijiang – Kunming by air, Full-day Tour to Stone Forest
- Oct.22: Western Hill (Dragon Gate, Huating Temple), Kunming – Shanghai by air, transfer to hotel
- Oct.23 :Tour ends after breakfast.