



20th CODATA International Conference

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Beijing, China
October 23-25, 2006

First Circular
Scientific Data and Knowledge within the Information Society



Sponsored by

Committee on Data for Science and Technology, International Council for Science
Chinese Academy of Sciences
National Natural Science Foundation of china
China Association for Science and Technology
Ministry of Science and Technology

Organized by

Chinese National Committee for CODATA

Computer Network Information Center, CAS



20TH CODATA Conference Organizations

International Steering Committee Co-chairs:

Lu Yongxiang, President of Chinese Academy of Sciences

Shuichi Iwata, President of CODATA

International Scientific Program Committee Co-chairs:

Li Jiayang, Vice President of Chinese Academy of Sciences, President of the Chinese National Committee for CODATA

Roberta Balstad, Senior Research Scientist at Columbia University and Director of the University's Center for International Earth Science Information Network, President of the U.S. National Committee for CODATA

Local Organizing Committee Chair:

Yan Baoping, Director of Computer Network Information Center of CAS, Vice President of Chinese National Committee for CODATA

Notes for Participants

Call for Papers

Papers relating to all aspects of data sharing and data use on scientific and technical data are welcome. Suggested topics for the conference include.

Safety data, data Science and Engineering

Data Archives

Data Quality

Data Protection & Data Security

Metadata & Metadata Registry

RDF, XML and ONTOLOGY

Data Format, Data Exchange and Interoperability

Information Retrieval & Knowledge Discovery

Data Policies and Legal Issues

Data Publishing, Sharing and Service

etc.

Data Visualization and Scientific applications & services based on intensive data

Multimedia and Data Visualization

Science & Technology Data and Innovation

Science & Technology Data and Disaster

Gas Hydrates

Nanomaterials



Physical and Chemical Data
Geographic and Spatial Data(including Geographic Information System)
Ecological, Biological, Medical and Bioinformatic Data
Astronomic and Aerographic Data
Brianbank
Any other scientific application & service based on intensive data
etc.

e-Science and Grid

Distributed and Parallel Computing
Supercomputing
Computing Grid
Data Grid
Knowledge Grid
e-Science
etc.

Scientific Data and Infosociety

e-Learning
Digital Library & digital Museum
Scientific & Technology Data for Education, Economy, Environment and Society
etc.

Young Scientists Program

To encourage young scientists to participate in the 20th CODATA International Conference, the organizers plan to establish Young Scientists Program, offering financial assistance for qualified young scientists as a contribution toward their conference registration fees and/or their travel expenses.

Detailed information and the way of application will be released in the Second Circular and in the conference website soon.

Special Events

CODATA 40th Anniversary

To celebrate the 40th Anniversary of CODATA, the organizers plan to hold special events during the CODATA-2006 Conference. Detailed information will be released in the Second Circular soon.

2006 CODATA Prize

CODATA Prize is a biennial prize organized by CODATA for outstanding achievements in the world of scientific and technical data, including data management, evaluation, dissemination, access issues, international cooperation, knowledge discovery, archiving and so on. Citizens



of any country may be nominated and the prize is awarded on the decision of the CODATA Prize Committee. The 2006 CODATA Prize will be awarded during the CODATA-2006 Conference.

Language

The conference working language is English.

General Information

Venue and Accommodations

The conference will be held at the Beijing Convention Center, which is located at No.8 Beichendong Road of Chaoyang District. The nearly 69,000 square-meter convention center is one of China's biggest facilities specially designed for conferences and exhibitions. It is an eight-floor building with two underground floors, comprising 50 conference halls and meeting rooms designed for functions with 10 to 2500 people. Indoor exhibition halls accommodate as many as 300 standard exhibition booths. Nearby hotels (5 star to 3 star and a less expensive ones for students) are within 10-to-20-minute walk and shopping centers are within 10 minutes walk from the center.

Exhibition

An exhibition, featuring scientific instruments and products relevant to scientific data as well as books and journals, will be held during the conference. Interested companies may contact the Conference Secretary for the details.

Cultural Events

A few cultural events to be arranged through local tourism companies might include,

Peking Opera at the Liyuan Theater

Among all traditional Chinese operas, Peking Opera is a relatively newcomer. However, it has become the important and influential opera form for Chinese audiences and is now regarded as a nationally accepted form.



Mask of Peking Opera



Actor on the Stage



Acrobatics Show at the Chaoyang Theater

Chinese acrobatic troupes have traveled to many countries around the world and have amazed audiences everywhere. The contortions and balancing acts are quite incredible and sometimes seem almost superhuman.



Acrobatics Show

Tea-drinking and performance at the Laoshe Teahouse

The Laoshe Teahouse was named after the famous writer- Mr. Laoshe. Everyday visitors around the world who like Chinese ancient cultures and arts come here to drink tea and appreciate brilliant programs such as traditional opera, cross talk, two-man comic show and story-telling in Beijing dialect with drum accompaniment. Visitors include President Bush of United States, former United States Secretary of State Dr. Kissinger, Singapore Senior Minister Li Kuan Yew, and so on.



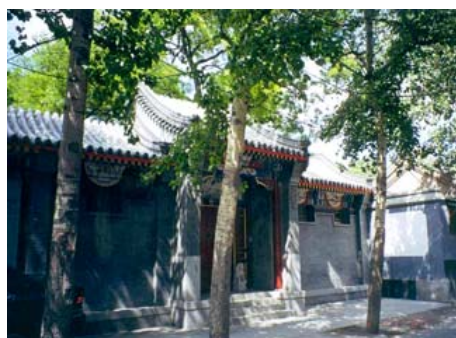
Longjing Tea



Laoshe Teahouse

Hutong Tour

One of the unique features of Beijing is its numerous Hutongs which mean small lanes. The life of ordinary people in these lanes contributes greatly to the charm of this ancient capital. In these small lanes, you'll find many siheyuan, or quadrangles which are the living quarters of ordinary Beijingers.



Hutong in Beijing



Siheyuan in Beijing



Registration

Those who wish to attend the conference should fill out the enclosed Registration Form and mail it to the Secretariat, or register at the conference website:

(<http://reg.codata.cn/registration/index.html>)

The registration fees are as follows:

	Before 1 May, 2006	After 1 May, 2006
Oversea Scientists	USD360	USD400
Oversea Students	USD180	USD200

Hotel Information

Detailed information for hotel reservation will be released in the Second Circular and also in the conference website soon:

<http://www.codata.cn/2006/accommodation/index.html>

Some nearby hotel information is as follows,

Beijing Continental Grand Hotel

Add.: No.8, Beichendong Road, Chaoyang District, Beijing

The Continental Hotel is a four-star hotel and is the closest to the conference venue. There is a corridor connecting the hotel to the convention center.

Crowne Plaza Park View Wuzhou Beijing

Add: No.8, Beichendong Road, Chaoyang District, Beijing

Crowne Plaza is a five-star hotel near the Beijing Continental Grand Hotel and is a 3-minute walk from the conference venue.

Huiyuan International Apartment

Add.: No.8, Beichendong Road, Chaoyang District, Beijing

Huiyuan Apartment is a twin room apartment in the same garden with the conference venue and is an 8-minute walk away.

Beijing Foreign Experts Building

The building is a four-star hotel located at the southeast corner of the Jianxiang Bridge. The hotel is 1200 meters from the conference venue (2 bus stops away).

Beijing Tibet Hotel



Add: No.118 Beisihuan Dong Road, Beijing

Beijing Tibet Hotel is located in the southeast of Anhui Bridge, which is 1000 meters away from the conference venue.

Yayuncun Hotel

Add: 8 Beisihuan Zhong Road, Beijing

Yayuncun hotel is a three-star hotel and is a 10-minutes walk from the conference venue.

National Jade Hotel

Add: 19 Huizhongli, Yayuncun, Beijing

National Jade is a three-star hotel and is 10-minutes walk away from the conference venue.

Beijing Celebrity Hotel

Add: 99 Anli Road, Yayuncun, Beijing

Celebrity hotel is a five-star hotel and is 10-minutes walk away from the conference venue.

Catic Plaza Hotel

Add: 18 Beichen Dong Road, Yayuncun, Beijing

Catic Plaza is a three-star hotel and is 10-minutes walk away from the conference venue.

Yuan Shang Hotel

Add: 20 Yumin Dongli, Deshengmen, Beijing

Located on the south of Beijing International Convention Center and the Yayuncun District, Yuan Shan hotel is a three-star hotel and is 5-minutes drive from the conference venue.

Cheng Hong Hotel

Add: 17 Anhui Dongli, Yayuncun, Beijing

Located in the east of Yayuncun District, Cheng Hong Hotel is a three-star hotel and is 20-minutes walk from the conference venue.

WenBo Plaza

Add: 2 Gaoyuan Jia Street, Beisihuan Dong Road, Beijing

Located within the commercial area of Yayuncun District, WenBo Plaza is a three-star hotel and is 15-minutes walk from the conference venue.

Yacheng Hotel

Add: 21 Huixin Dong Street, Yayuncun, Beijing

Located on the southeast of the conference venue, Yacheng is a three-star hotel and is 20-minutes walk from the conference venue.



Tour Information

A few post- and pre-conference tours, as well as accompanying person tours, will be arranged through local tourism companies. Detailed information for tour reservation will be released in the Second Circular and also in the conference website soon:

<http://www.codata.cn/2006/tours/index.html>

Recommended Itineraries of conference tours might include,

Classic cities of China: Beijing- Xi'an

Xi'an has been the capital of eleven dynasties for more than 2000 years. Along with Rome and Constantinople, this city played a vital role in bridging the gap between east and west. There are important sites and relics in this city. The Terracotta Army of Qin Emperor is regarded as the eighth wonder of the world. The Tomb of Yang Yuhuan and Huaqing Pool all date back to Tang Dynasty, the peak of China's federal period. Famen Temple in Xi'an is the only temple in mainland China storing true relics of Buddha Sykyamuni.



The Terracotta Warriors



Huaqing Pool

Silk Road: Beijing- Dunhuang

Throughout Dunhuang's history of over two thousand years, it has always served as a critical gateway to the west because of its unique geographical location at the juncture of Gansu, Qinghai and Xinjiang. However, Dunhuang was also a regional cultural center. The Mogao Grottoes, also known as the Dunhuang Grottoes or the "Thousand Buddha Grottoes", is located on the western cliffs of the Singing Sands Mountains. It is one of the most complete collections of Buddhist frescoes and sculpture from a period ranging over ten dynasties.



Ancient City of Dunhuang



Temple of Sleeping Buddha



Shangri-La: Beijing- Kunming- Dali- Lijiang- Zhongdian

Yunnan Province is located in southwest China bordering Burma, Laos and Vietnam on its west. The capital city is Kunming, a city of spring.

This province boasts magnificent mountains, deep virgin forests and precipitous valleys. Kagebo Peak, with an elevation of 6740m, is perennially covered with snow and still unconquered by mankind. There are also some wonderful geological attractions here ranging from stone forests to limestone caves. Yunnan province boasts the largest number of minority groups in the country, who for hundreds of years have endowed the place with a colorful and rich folk art.

British writer James Hilton's novel, The Lost Horizon, some 50 years ago, described in great detail the stunning scenery in Shangri-La: the azure sky, the breathtaking beauty and the hospitality of unsophisticated people who welcome weary travelers to their homeland. In Tibetan, Shangri- La means a place of good fortune and luck.



Lijiang City of Yunnan

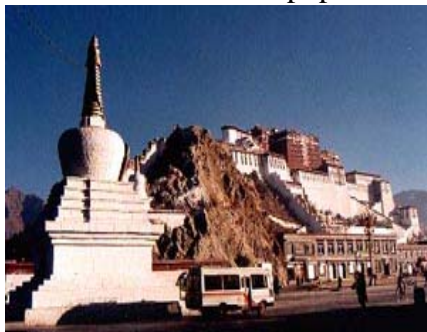


Shangri-La of Yunnan

Roof of the World: Beijing- Tibet

Tibet, the Roof of the World and Buddhist holy place, is without doubt one of the most remarkable places to visit in Asia. It offers fabulous monastery sights, breathtaking high-altitude treks, stunning views of the world's highest mountains and some of the nicest people you will ever meet.

Tibet is changing fast today, yet the quintessence of Tibet remains remarkably intact. The temples are still full of pilgrims murmuring mantras in the golden light of yak butter lamps. Butter tea remains the most popular beverage.



City of Lhasa



Putala Palace

Home of Confucius: Beijing- Qufu of Shandong Province

Known as the "sacred city" of the East and birthplace of Confucius, Qufu was the central base



of the eastern tribes in ancient China and was one of the areas where Dawenkou and the Longshan culture, famed for its black pottery, were found. It was also a city of music in the Western Zhou Dynasty. In Qufu, there are altogether more than 412 cultural and historical relics under government protection. Among them, the Residence of Confucius, the Confucius Temple, and the Confucius Forest are the most famous. UNESCO put these sites on the list of world heritage sights in 1994.



Confucius



The Confucius Temple

Recommended sites of accompanying person tour might include,

Forbidden City

The Forbidden City is China's most imposing architectural masterpiece. It represents many aspects of China's long history and is the largest museum of oriental art in the world. Located in the center of Beijing, the Forbidden City was built between 1406 and 1420. Twenty-four emperors of the Ming and Qing Dynasties once lived there. Walking through the palace, visitors will have the feeling of passing through a historical corridor.



Great Wall

China's Great Wall is one of the two man-made objects visible from satellites and is one of man's most remarkable accomplishments. Construction of the Great Wall began in the 7th century B.C. this magnificent wonder starts at Shanhai Pass in the east and ends at Jiayu Pass in the west, stretching more than 6,000 kilometers.





Contact Information

Secretariat of CODATA 2006 Conference

No.4, 4th South Street, Zhong Guan Cun, Haidian District, P.O.Box 349, Beijing 100080, China

Tel: 86-10-5881-2535, 86-10-5881-2588

Fax: 86-10-5881-2505

E-mail: secretariat@codata.cn

Conference website: <http://www.codata.cn/2006/index.html>

Feedback Form

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Title: ___Prof. ___Dr. ___Mr. ___Ms. ___Miss.

Last name:

First name:

Affiliation:

Mailing address: ___Office ___Home (check one)

City:

Country:

Phone:

Fax:

Email:

Please check as appropriate:

_____ I plan to attend the Conference

_____ I plan to attend the Conference and present _____ papers

_____ in oral form _____ in poster form