



# Preparation and schedule of the US-China Winter School on New Functionalities in Glass

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Photonic Materials Lab.

Zhejiang University, Hangzhou

China

Jan. 5th, 2010

Yuquan, Campus

# Presentation of the 10th Otto Schott Research Award



Many former award winners also took part in the presentation of the 10th Otto Schott Research Award (from left to right): **Front row:** Prof. Don Uhlmann (Trustee Ernst Abbe Fund), Prof. Himanshu Jain, Dr. Hans-Joachim Konz (SCHOTT Board member), Prof. Akio Ikesue (Award winner 2008), Prof. Walter Kob, Prof. Gerd Müller (Trustee Ernst Abbe Fund).

**Middle row:** Dr. Dieter Fuchs, Dr. Natalia Veshcheva, Phd. David Griscom, Prof. Jianrong Qiu, Prof. Prabhat Gupta.

**Back row:** Prof. Reinhard Conradt, Prof. Andreas Tünnermann, Dr. John Campbell, Anne-Jans Faber.

Photo: SCHOTT/A. Sell

**西施  
( Xishi )**



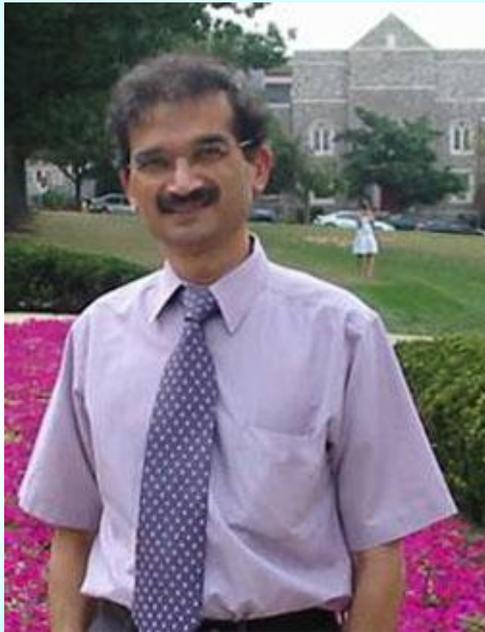
**West Lake  
( 西湖 )**

**吳越同舟 臥薪嘗胆**



**Qiantang River ( 钱塘江 )**

# US Organizing Committee:



**Professor H. Jain**  
**Lehigh Univ.**



**Professor C. Pantano**  
**PenState Univ.**

# China Organizing Committee:



**Professor J. Qiu**  
**Zhejiang Univ.**



**Professor L. Hu**  
**SIOM, CAS**



**Professor G. Chen**  
**East China Univ. S&T**

# France & US Lecturers



**Professor H. Arribart**  
**Ecole Superieure**



**Professor S. Martin**  
**Iowa State Univ.**



**Professor S. Sen**  
**Univ. California, Davis**



**Professor R. Brow**  
**Missouri Univ. of ST**

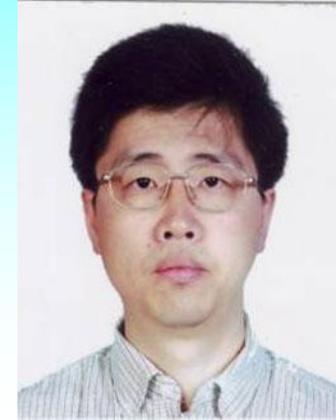
# Chinese Lecturers



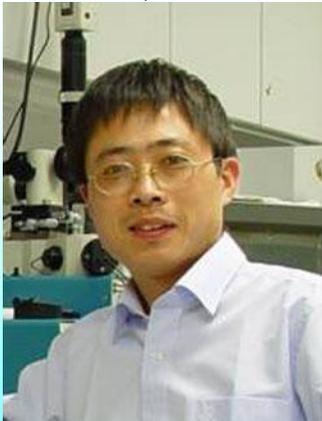
**Professor J. Chang**  
**SIC, CAS**



**Professor Y. Wang**  
**FISC, CAS**



**Professor L. Xu**  
**Fudan Univ.**



**Professor L. Tong**  
**Zhejiang Univ.**



**Professor X. Zhao**  
**Wuhan Univ. Techn.**



**Professor Y. Bao**  
**CBMA**

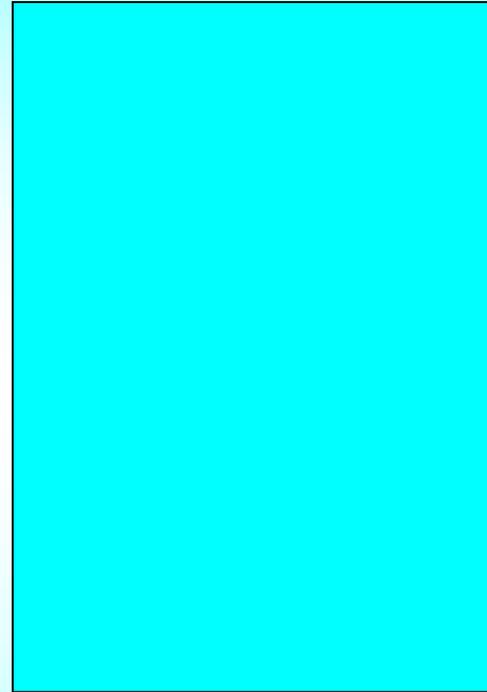
# **Representative Titles of Lectures**

- 1) Glass and Energy**
- 2) Electrochemical Applications of Glass: New Functionalities for a Greener Future**
- 3) Bioactive glasses and glass-ceramics for biomedical applications**
- 4) Glass:structure determination by synchrotron based scattering and spectroscopic techniques**
- 5) High power laser glass and its application**
- 6) Preparation, properties and applications of chalcogenide glasses**
- 7) Glass surfaces and coatings for new functionality**
- 8) Functional glasses by coatings or thin films**
- .....**

# Coordinators



**Dr. W. Heffner**  
**Lehigh Univ.**



**Ms. S. Wing**  
**Lehigh Univ.**

# China Local Organizing Committee



**Y. Teng**  
Zhejiang Univ.



**J. Zhou**  
Zhejiang Univ.



**Q. Zhang**  
SIOM, CAS



**B. Zhu**  
Zhejiang Univ.



**J. Xie**  
Zhejiang UNiv.



**G. Lin**  
SIOM, CAS



**Y. Liu**  
Zhejiang Univ.



# Zhijinggang Campus

January 7th

09:00 - 12:00

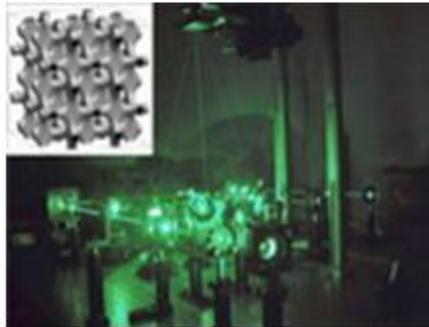
**Campus and Lab Tours**



COER building



Clean room facilities



Fabrication of periodic structures with lasers



High-speed optical communication experiment

# Center for Optical and Electromagnetic Research

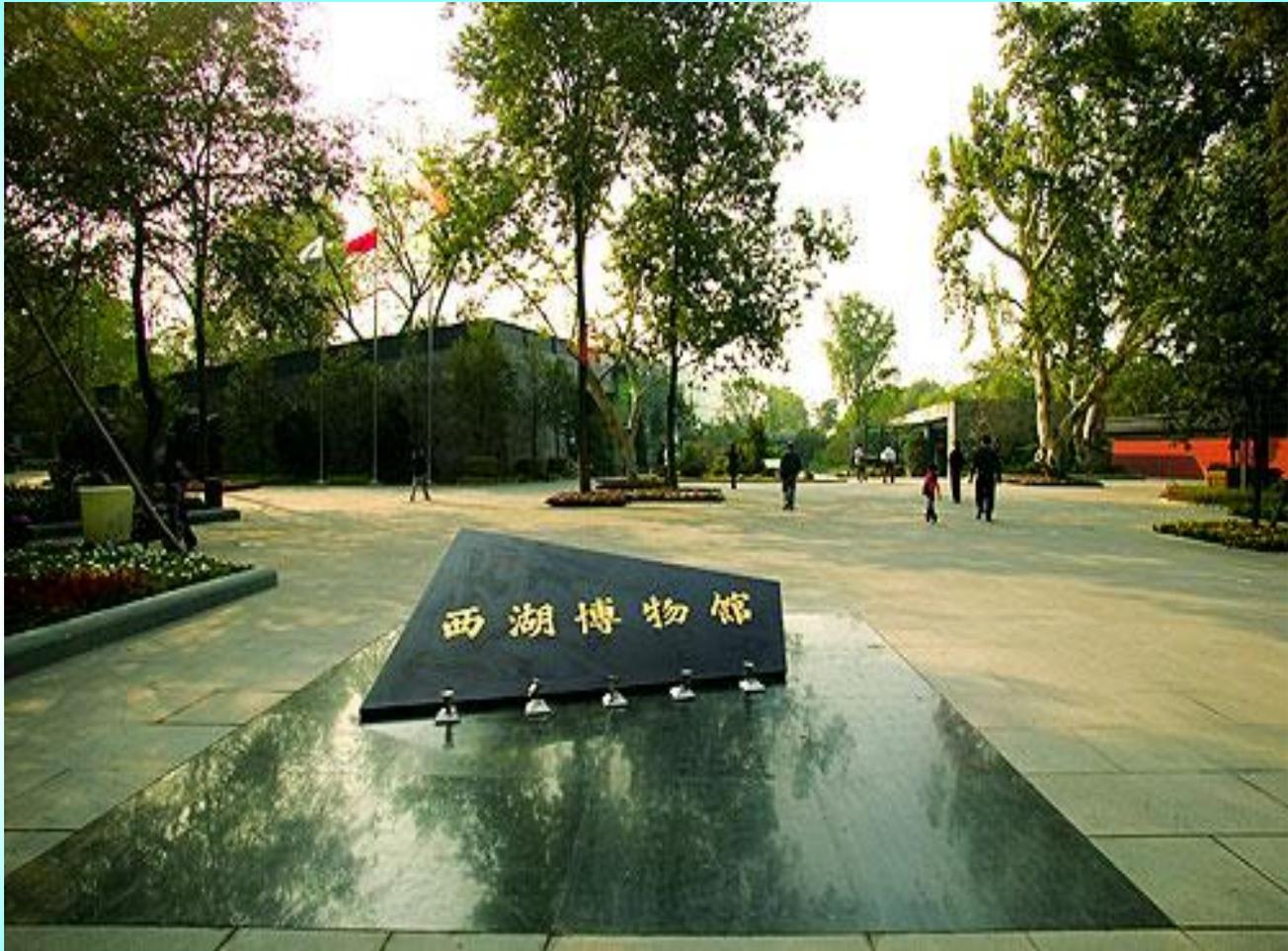


# **Zhejiang Provincial Museum**

**January 7th**

**13:30 - 16:30**

**Museum Tours**



**West Lake Museum**

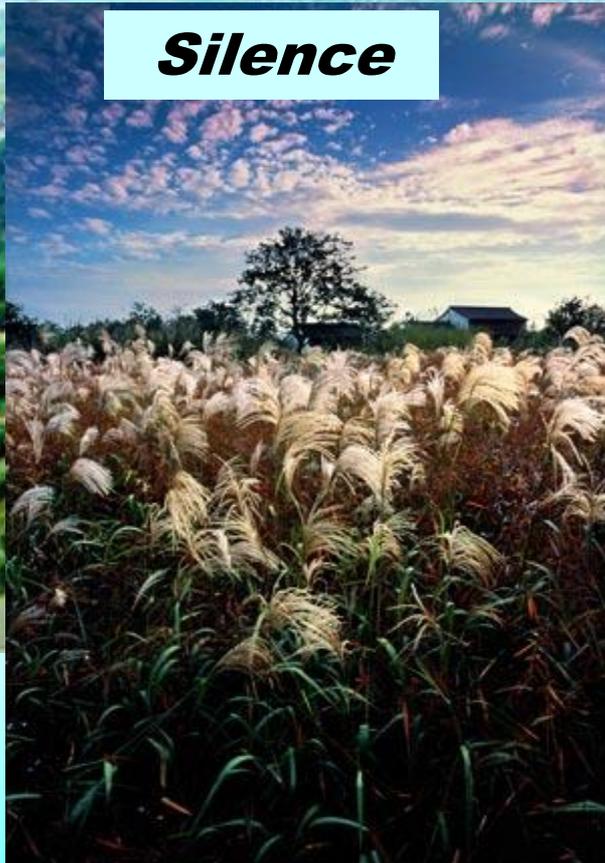


## **West Lake**

**January 9<sup>th</sup> 09:00 - 12:00**

# The Five Chords of XiXi

***Silence***



***freshness***



***Wildness***



***Relaxation***



***Loneliness***



**January 9th**  
**13:30 - 16:30**

**XiXi National Wetland Park**



# **Yu Garden, Shanghai**

**January 13<sup>th</sup> 13:30 - 16:30**



**Pudong District, Shanghai**



**January 14th**  
09:00 - 12:00 **SIC, CAS**

国家重大科学工程

上海光源

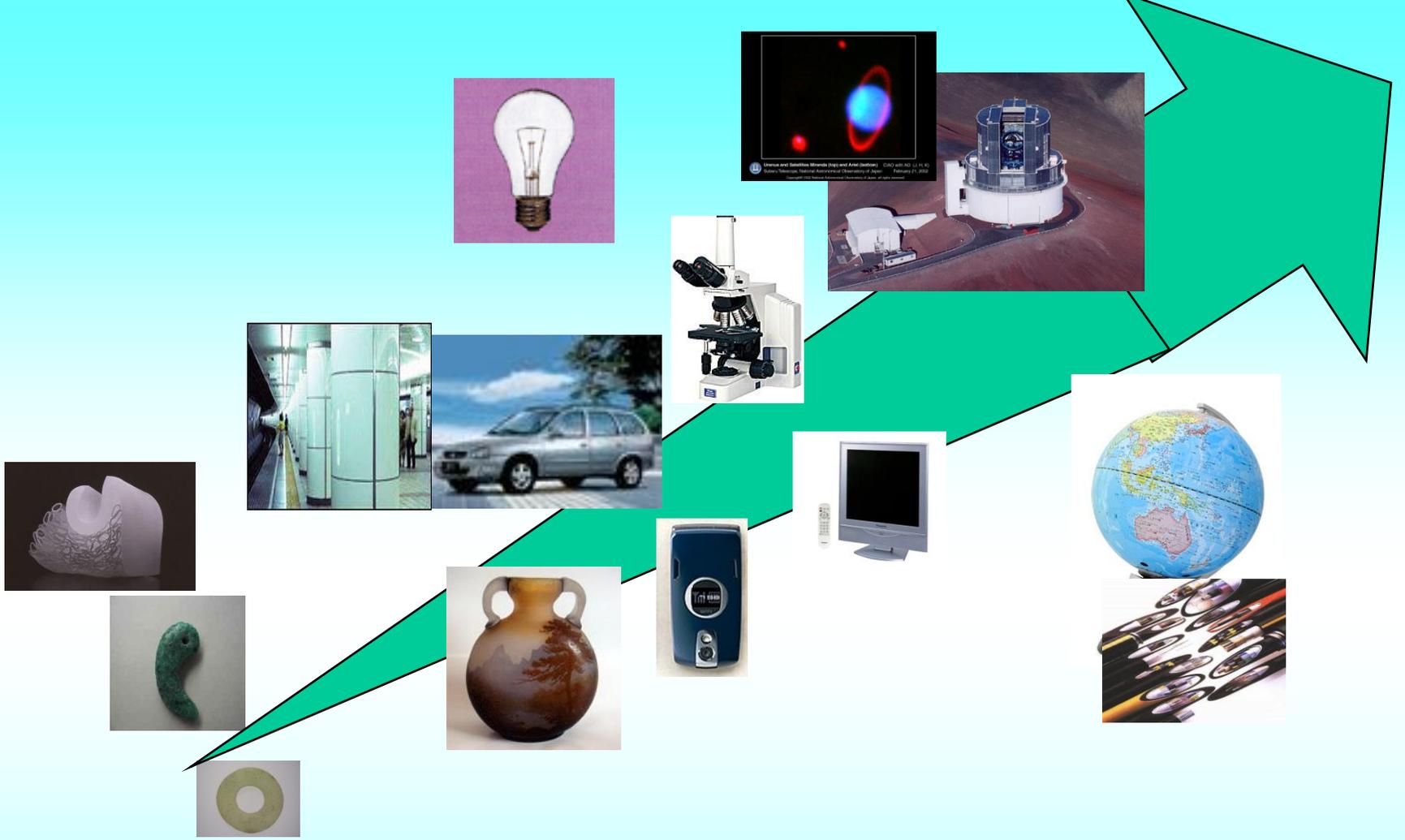
SSRF

Shanghai Synchrotron Radiation Facility



# Shanghai Light Source, CAS

January 14<sup>th</sup> 13:30 - 16:30



"It is true that other substances, such as wood, bamboo, stone, and clay, can provide shelter and storage," "What is special about glass is that it combines these and many other practical uses with the ability to extend the most potent of our senses, sight, and the most formidable of human organs, the brain." MacFarlane and Gerry Martin in *The Glass Bathyscaphe*

The US-China Winter School on New Functionalities in Glass is the response to meet the requirement for the preparation of the next generation of scientists and engineers to be trained **in a global setting**.

We believe that the School will provide educational as well as cultural experience of a life time to the students, who will hopefully **lead the field of (glass) materials science and technology** someday.



**Thanks !**