



# **The Second Announcement**

## **The 5th AONSA Neutron School**

**(The 9th AONSA EC Meeting & Director Meeting)**

**October 23 – 28, 2012**

**Beijing, China**

### **Introduction**

From 23-28 October 2012, the 5<sup>th</sup> Asia-Oceania Neutron Scattering Association (AONSA) Neutron School will be held in Beijing China. During the time, the 9<sup>th</sup> AONSA EC Meeting will be held on 27 October.

This school provides training for newcomers to neutron scattering. We will not only have lectures, but also practical sessions with on site visit and data analysis. All neutron techniques (available at CARR) will be covered in the school, i.e. powder diffraction, single-crystal diffraction, strain scanning, small-angle scattering, reflectometry, and inelastic scattering using triple-axis spectrometers.

### **Venue**

Chemistry Building (A204, A205, A717), Peking University, Beijing, China

### **Participation Fee**

Participants will be asked for a course fee of \$400. This includes 5 nights, all meals, a Great Wall Visit and all learning activities. Fees are in US dollars and are payable by

bank transfer in US currency. Payment by credit card, international money order, or bank draft is not possible. See Bank Information below.

1. **A/C holder's name: Wenze HAN**
2. **Address of beneficiary: Beijing P.O.BOX 275(30), Fangshan District, Beijing 102413, China**
3. **A/C No.: 337659572139**
4. **Bank name: Bank of China**
5. **Bank branch name: Bank of China Beijing Branch**
6. **Address of bank: NO.2 Chao yang Men Nei Da jie, Dongcheng District, Beijing 100010, China**

### **Financial Supports**

The financial supported students have purchased the round trip tickets (economic class) by themselves and will get the reimbursement after submitting **the scanning copy of the tickets, the original ticket receipts, and the travel itinerary** to the school.

### **Accommodation**

**Hotel** The meeting hotel, Zhongguanyuan Global Village-Peking University (<http://www.pkugv.com/English/index.asp>) is close to the Chemistry Building of Peking University. All the reserved rooms are located in the **Building 9** of the hotel. Accommodation for students will be shared double room, a single room will be at extra cost. Please **check out before 12:00 at the noon**, otherwise you will pay extra fees of half a day.

**Meals** The school will provide the students and lecturers all the meals from Oct. 23 to Oct. 27.

- ✧ Breakfast (buffet) is served at the coffee bar on the first floor of Building 9 of the hotel and you must slide your **room cards** to enter into the bar.
- ✧ Box lunch is served at the Multi-Functional Hall on the first floor of Chemistry Building of PKU and you must wear your **school or meeting badges** to enter the hall.
- ✧ Supper (buffet) are also served at the Multi-Functional Hall, including the reception on Oct. 23, your wearing **badges** are also needed.
- ✧ Farewell Banquet is served at the "YI HE YA YUAN" at a traditional Beijing's quadrangle courtyard, and you will have a taste of the famous "**Beijing Roast Duck**". More details are including in the appendix II.

### **Transportation**

Peking University is located at the north west of Beijing. You can arrive the meeting venue (Chemistry Building, Peking University) or hotel (Zhongguanyuan Global Village, Peking University) by taxi, airport shuttle or subway. The detailed map and the routes are included in the attached appendix I.

**Registration:**

The reception desk is located in the lobby of the Chemistry Building of PKU and all the attendees should register here firstly. We have prepared the meeting bags for both the lecturers and the students. All the documents, including the tutorial materials, are inside.

**Data Analysis Class**

The school students should bring your own laptops to the class-room for data-analysis lessons. Every student will find a CD in the meeting bags. Please install the softwares by yourselves before class.

**Organizing Committees:****International Advisory and Organizing Committee:**

Rob Robinson (ANSTO)  
Shane Kennedy (ANSTO)  
Chris Ling (The University of Sydney)  
Yasuhiko Fujii (CROSS)  
Masa Arai (J-PARC)  
Mitsuhiro Shibayama (Tokyo University)  
Hideki Seto (KEK)  
Toshiji Kanaya (Kyoto University)  
Kye Hong Lee (KAERI)  
Sung-Min Choi (KAIST)  
Ki Bong Lee (POSTECH)  
Samrath L. Chaplot (BARC)  
Wen-Hsien Li (NCU)  
Hsiung Chou (NSYU)-  
Dingsheng Wang (IOP, CAS)  
Hesheng Chen (IHEP, CAS)  
Jianhua LIN (Peking University)

**Local organisers:**

Dongfeng Chen (CIAE)	Song GAO (PKU)	Yuanbo Chen (IHEP,CAS)
Fangwei Wang (IOP,CAS)	Yuntao Liu (CIAE)	Yingxia Wang (PKU)
Songbai Han (CIAE)	Shaoying Zhang (IOP,CAS)	Tianfu Li (CIAE)

## School and meeting contacts

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## Schedule

Oct.23 Tues.	Oct.24 Wed.	Oct.25 Thurs.	Oct.26 Fri.	Oct.27 Sat.	Oct.28 Sun.
9 :00-20 :00 Arrival (Lobby)	9 :00-12 :00 Lectures 1 <u>General Introduction</u> (A204)	8 :30-12 :00 Lectures 2 <u>Methodology and science</u> (A204)	8 :30-12 :00 Lectures 3 <u>Methodology and science</u> (A204)	8 :30-11 :30 <u>Group Presentation</u> (A717)	Departure
	12 :00 lunch	12 :00 lunch	12 :00 lunch	11:30 lunch	
	13 :30-18 :00 <u>Data analysis</u> (A717)	13 :30-18 :00 <u>Visit CARR and BSRF</u>	13 :30-18 :00 <u>Data analysis</u> (A717)	12 :00-15:30 <u>Visit the Great Wall</u>	
18 :30 Reception	18 :30 Dinner	18 :30 Dinner	18 :30 Dinner	18 :30 Banquet	

### Note:

1. All the meeting rooms and classrooms are located in the Chemistry Building of Peking University.
2. Director Meeting will be held from 15:00-18:00 on Oct.26 (Fri.) at meeting room A205.
3. AONSA-EC Meeting will be held from 9:00-17:00 on Oct.27 (Sat.) at meeting room A205.



## 5th AONSA Neutron School

23 – 28 October 2012

CIAE & PKU, Beijing, China

### **Tuesday, 23 October (Registration, lobby of Chemistry Building, Peking University)**

8:00-20:00 Arrival (Building A, Lobby)

18:30 Reception

### **Wednesday 24 October**

***(Morning: Chemistry building A204, Peking University)***

9:00 Welcome (Prof. Dongfeng CHEN, Prof. Song GAO )

9:10 Introduction (Prof. Dingsheng WANG & Prof. Hesheng CHEN)

9:30 Take photos

10:00 General introduction to neutron scattering 1 Prof. Wen-Hsien Li

Introduction of neutron scattering theory and method

11:00 General introduction to neutron scattering 2 Prof. Shane Kennedy

Introduction of neutron scattering facilities

12:00 Lunch

***(Afternoon: Chemistry building A717)***

13:30 Data analysis

15:30 Break

16:00 Data analysis

18:30 Dinner

### **Thursday 25 October**

***(Morning: Chemistry building A204, Peking University)***

8:30 China Spallation Neutron Source Prof. Hesheng CHEN

9:05 Powder neutron diffraction applied to inorganic chemistry Prof. Jianhua LIN

9:40 Neutron scattering instruments at CARR and their applications Prof. Dongfeng CHEN

10:15 Break

10:45 Inelastic neutron-scattering applied to condensed matter physics Prof. Wei BAO

11:20 Powder neutron diffraction studies of magnetic materials Prof. Jinbo YANG

11:55 Neutron Reflectometer and its applications Prof. Yuntao LIU

12:30 Lunch

13:30 Visit China Advanced Research Reactor and Beijing Synchrotron Radiation Facility

18:30 Dinner

**Friday 26 October**

**(Morning: Chemistry building A204, Peking University)**

8:30 Industry application of neutron scattering **Dr. Wanchuck Woo**

9:05 Neutron and X-ray diffraction applied to materials chemistry **Prof. Chris Ling**

9:40 Neutron reflectivity studies of magnetic and superconductor thin films **Prof. Hsiung Chou**

10:15 Break

10:45 Neutron scattering studies of magnetic materials **Prof. Jae-Ho Chung**

11:20 Small angle neutron scattering and its application on polymers **Prof. Mitsuhiro Shibayama**

11:55 Spin echo neutron scattering and its application on soft condensed matter **Prof. Hideki Seto**

12:30

12:30 Lunch

**(Afternoon: Chemistry building A717)**

13:30 Data analysis

15:30 Break

16:00 Data analysis

18:30 Dinner

**15:00-18 :00 Director Meeting (Chemistry building A205, Peking University)**

**Saturday 27 October**

**(Morning: Chemistry building A717, Peking University )**

8:30 Group Presentation

12:00 Lunch

13:00 Sightseeing, the Great Wall

18:30 Dinner

**9:00-17:00 AONSA-EC Meeting (Chemistry building A205, Peking University)**

**Sunday 28 October**

Departure

# Transportation Guide



The map of the venue and the hotel



The map of the Beijing Subway

**By Taxi:**

If you take a taxi, it will take about one hour and the cost is about 100RMB. The driver may not speak English, you can just show the driver the following:

请前往北京大学东门对面的北京大学中关村新园！

**By subway:**

If you go by subway, just take subway of **airport line** and translate to subway **line 10** at the interchange station of **Sanyuanqiao**, then to subway **line 4** at the interchange station of **Haidian Huangzhuang**, get off at the **East Gate of Peking University** station and come out at the **C** exit. Ahead you will see “北京大学化学楼” (Chemistry Building of Peking University), then enter the yard at right side, go to the lobby of Building A to register, then to go the Hotel. Chemistry Building of Peking University is very close to the hotel and the hotel is about 200 meters south east from the subway station.

**By airport shuttle:**

You can also take the airport shuttle line 5 to Zhongguancun station and then take a taxi (~10min, ~10 RMB).

See: <http://en.bcia.com.cn/traffic/airbus/index.shtml>



Appendix III: Farewell Banquet "YI HE YA YUAN" Restaurant

義和雅苑曲通幽  
 和雨沐花草木稠  
 雅客儒生來此飲  
 苑中閑情意悠悠

品自然之韵味 享庭院之佳位



**YI HE YA YUAN** 義和雅苑  
 Chinese Restaurant

預訂電話: 010-51722256 010-51722250  
 Reservation Telephone: 010-51722256 010-51722250  
 投訴電話: 010-51722256 Complaint Telephone: 010-51722256  
 地址: 北京市海澱區中關村大街15-3 海澱區西街路東  
 Address: No.15-3 ZhongGuanCun street, Haidian, Beijing  
 郵編: 100080 Post Code: 100080  
 E-mail: xiheyayuan@sina.com  
 http://www.xiheyayuan.com



XI  
 HE  
 YA  
 YUAN

**義和雅苑**

Chinese Restaurant

历史歌在回合院里  
 耐心地翻瞭一方日月  
 耐心地守这一批批来客  
 这甲能幹者祥和与幸福



**義和雅苑**

薩利者，生于乾隆，歿于光緒，100歲高齡，滿八旗黃帶子，其祖隨濟世祖順治帝進關，因而世襲蔭功，租種皇家清漪園西湖水地（今昆明湖西堤六橋以西湖面），世稱「大湖劉家」。

故宅占地十餘畝，東、中、西三進四合院落，亭廊樓軒具備，園中遍植花木，景致淡雅幽靜，光緒變法前夕，袁世凱寓居于此。清末，後園自然圯廢，宅院殘存。北京解放時，宅院僅餘東隅，海澱區政府曾駐此辦公，八十年代為海澱區老幹部活動站。北科建集團在中關村廣場項目開發中，將東路宅院悉心復建，再現昔日盛時風采。

薩利宅院碑記



**招牌!**

**HEHE ROAST DUCK 和合烤鴨**

“和合”二字取自“和合二仙”是中国民间传说之喜神，有“和谐合好”、“婚姻和合”、“家人和合”等丰富含义，蕴含着中国哲学的核心思想。“和合”还有“回家”之意，象征客人宾至如归。

*"He He Master" is the folklore in China. It means accordance, union in marriage and family, and other positive significance as well.  
 In the case Chinese philosophy, "He He" means being friends, and all the guests are treated as the master of their own house.*

「浪漫舒至 靜雅怡情」

在喧囂的都市尋找一方心灵的淨土  
 品自然之韵味 賞庭院之悠悠





**Introduction to Stele in Sa Li's House Courtyard**

Sa Li, born in a noble family, began as a bannerman in Qing Dynasty, during the age when the Emperor Qianlong ruled and died during the age when the Emperor Guangxu ruled, who lived for 103 years in the world. His grandfather came to the central plains of China from the northeast accompanying with the Emperor Shunzhi, founder the Qing Dynasty, and were made a member of the order of the Empire by the emperor, leasing a piece of land close to the royal family, the West Lake in Qing Yi Garden (now it is the west part of the West Lake, Six Bridges, West Dike, Kunming Lake.) And at that time, it was known as the Majesty Liu's Family. The old house covers an area of about 10 acres, and it full of flowers and trees which formed excellent scenery, and Yuan Shikai once lived here before the Emperor Guangxu launched political reform. At the end of the Qing Dynasty, all the houses but the courtyard had remained. Up till the time when Beijing was liberated, there was only one courtyard left in the east, which was once taken as an office house by the local government of Haidian District. In 80s it was taken as a Club for Retired Veteran Cadres of Haidian District. During the redevelopment of ZhongGuanCun plaza by BSD Group, the east courtyard was rebuilt, on the basis of the original manner and its blooming atmosphere in its golden age.