

The 4<sup>th</sup> Joint Meeting of  
the International Conference on Hyperfine Interactions and  
the International Symposium on Nuclear Quadrupole Interactions  
(HFI/NQI 2012)  
September 10-14, 2012  
Beijing, China

## **FIRST CIRCULAR**



Organized by

China Institute of Atomic Energy  
Shanghai Institute of Applied Physics  
Lanzhou University

2011-11-15

## Dear colleague:

We have the honor to inform you that the 4<sup>th</sup> Joint Meeting of the International Conference on Hyperfine Interactions and the International Symposium on Nuclear Quadrupole Interactions (HFI/NQI 2012) will be held in Beijing, People's Republic of China on September 10-14, 2012. Beijing is the capital city of China. The magnificent Great Wall, Forbidden City, etc. are reminiscent of her past glory. Beijing is now a modern city and serves as the cultural and scientific center of China. She hosted the 2008 Summer Olympics.

## CONFERENCE HOST AND VENUE

The HFI/NQI 2012 will be jointly organized by China Institute of Atomic Energy (CIAE), Beijing, Shanghai Institute of Applied Physics (SINAP) Shanghai, Lanzhou University (LU), Lanzhou. The Conference will be held at the Beijing International Convention Center (BICC) in Beijing. Details about the conference venue, accommodation, etc., will be given in the 2<sup>nd</sup> circular.

## SCIENTIFIC PROGRAM

The HFI/NQI 2012 will maintain the general spirit and intention of this conference series. The scientific subjects to be discussed at the conference will cover a wide spectrum of hyperfine interactions and nuclear quadrupole interactions. The Conference will consist of plenary sessions and poster sessions in series. In the plenary sessions there will be 15~20 invited talks and selected oral contributions. The rest of the contributions will be presented and discussed in poster sessions. Invited talks will be organized through the International Advisory Committee (IAC) and the Program Committee (PC) and oral presentations will be selected from the submitted abstracts.

A preliminary schedule of the Conference is shown below.

	9:00--10:30	11:00--12:30	14:00--15:30	16:00--17:30	19:00--21:00
<b>Sun. Sept.09</b>	<b>Registration</b>				
<b>Mon. Sept.10</b>	<b>Opening Session</b>	<b>Plenary Session 1</b>	<b>Plenary Session 2</b>	<b>Poster Session 1</b>	<b>Reception</b>
<b>Tue. Sept.11</b>	<b>Plenary Session 3</b>	<b>Plenary Session 4</b>	<b>Plenary Session 5</b>	<b>Poster Session 2</b>	<b>Evening event</b>
<b>Wed. Sept.12</b>	<b>Plenary Session 6</b>	<b>Plenary Session 7</b>	<b>Conference excursion</b>		<b>IAC meeting</b>
<b>Thu. Sept.13</b>	<b>Plenary Session 8</b>	<b>Plenary Session 9</b>	<b>Plenary Session 10</b>	<b>Plenary Session 11</b>	<b>Banquet</b>
<b>Fri. Sept.14</b>	<b>Plenary Session 12</b>	<b>Closing Session</b>			

The Scientific Program will be structured according to the following Topics:

- 1, Theory: Hyperfine Interactions and Nuclear Moments
- 2, Magnetism and Magnetic Materials
- 3, Semiconductors, Metals and Insulators
- 4, Surfaces, Interfaces, Thin Films and Nano-structures
- 5, Atoms and Ions
- 6, Lattice Dynamics, Ion-Solid Interaction
- 7, Nuclear Moments, Nuclear Polarization, Fundamental Interactions
- 8, Resonance Methods
- 9, Coherent Phenomena, Synchrotron Radiation, Quantum Optics
- 10, Radiation Damage in Materials and Hydrogen and Muons in Solids
- 11, Applications to Biology, Chemistry, Medicine, Environment, Security
- 12, New Directions and Developments in Methodology

### **CONFERENCE LANGUAGE:**

The conference language is English. All presentations including discussions and submitted materials must be in English.

### **CONFERENCE FACILITIES**

Electronic projectors with computers capable of reading CDs and memory devices will be available (Power Point or Acrobat recommended). If you have special requirements, please inform us well in advance.

### **EXHIBITION**

Exhibitions will be arranged in the Conference site during the conference.

### **REGISTRATION**

Online registration will be available to all interested participants, the details of which will be given in the second circular.

The registration fee is 600 EURO for payment received before June 30, 2012, otherwise 650 EURO for payment received after June 30, 2012. The registration fee for students and the retired is reduced to 300 EURO before June 30, 2012.

	Payment Before June 30,2012	On-site Payment
Participants	600 EURO	650 EURO
Accompanying Persons	150 EURO	180 EURO
Students & the retired	300 EURO	325 EURO

## **SOCIAL ACTIVITIES**

A Welcome Reception will be held in the evening of September 10, 2012 (Monday), the Conference Banquet will be at 19:00 - 21:00 on September 13, 2012 (Thursday), and an evening cultural event will be organized.

## **TRAVEL INFORMATION**

The Organizing Committee is pleased to arrange an excursion tour to the GREAT Wall and Ming Tombs on September 12, free of charge for the Conference participants and their accompanying persons.

Pre- and post-conference tours will be organized and a number of tours during the conference will be arranged for accompanying persons.

## **SATELLITE CONFERENCE**

The International Symposium on the Industrial Applications of the Mössbauer Effect will be held on 2-7 September 2012 in Dalian, China.

(Contact Email: [isiame2012@dicp.ac.cn](mailto:isiame2012@dicp.ac.cn), Webpage: [www.medc.dicp.ac.cn/isiame2012](http://www.medc.dicp.ac.cn/isiame2012))

## **CLIMATE**

The temperature in Beijing during the conference ranges between 12-18°C (53-65 F) at night and 24-30°C (75-86F) during the day. It seldom rains in this season. It is the best season of the year for tourism.

## **PASSPORT AND VISA**

Participants and their accompanying persons who require a visa to enter China should submit the necessary application to the nearest diplomatic or consular representative of China well in advance of their date of travel. A letter of invitation, if needed, has to be requested from Scientific Secretary of the HFI/NQI 2012.

## **ACCESS TO BEIJING**

Beijing, a metropolitan city, can be conveniently reached by air from all over the world.

## IMPORTANT DATES

April 25, 2011	Announcement of HFI/NQI 2012
November 15, 2011	First circular
February 10, 2012	Second circular
	Call for paper
	Early registration
	Accommodation
April 30, 2012	Deadline for abstract submission
June 25, 2012	Announcement of paper acceptance
June 30, 2012	Deadline of early registration
July 30, 2012	Final circular
September 10-14, 2012	Conference
September 14, 2012	Deadline for manuscript submission

## CONFERENCE OFFICE

All correspondence and request for further information concerning the conference should be sent to:

Prof. Daqing Yuan  
Scientific Secretary, HFI/NQI 2012  
China Institute of Atomic Energy  
P.O. Box 275-50, Beijing 102413, P.R. China  
Phone: +86-10-69358003, Fax: +86-10-69357787  
Email: [hfi2012@ciae.ac.cn](mailto:hfi2012@ciae.ac.cn) and [yuandq@ciae.ac.cn](mailto:yuandq@ciae.ac.cn)

## CONFERENCE WEBPAGE

<http://cnps.ac.cn/hfi2012>

We look forward to seeing you in Beijing in 2012.

Sincerely yours

HFI/NQI 2012  
Organizing Committee  
2011-11-15

## **Conference Organization**

### **Co-Chairmen**

Shengyun Zhu (CIAE), Guilin Zhang (SINAP), Desheng Xue (LZU)

### **Scientific Secretary**

Daqing Yuan (CIAE)

### **International Advisory Committee**

Hisazumi Akai (Japan), Ercan Alp (USA), Tetsuo Asaji (Japan)

Tatyana Babushkina (Russia), Krish Bharuth-Ram (South Africa), Aidan Byrne (Australia)

Gary S. Collins (USA), Joao Martins Correia (Portugal), Stefaan Cottenier (Belgium),

Pierre Dalmas de Reotier (France), Manfred Deicher (Germany), Haraldur Palle Gunnlaugsson (Denmark)

Lars Hemmingsen (Denmark), Wayne Hutchison (Australia), Herbert Jaeger (USA) ,

Ryosuke Kadono (Japan), Ken Ichi Kumagai (Japan), Guido Langouche (Belgium),

Jochen Litterst (Germany), Kensaku Matsuta (Japan), Andrew McFarlane (Canada),

Takashi Ohtsubo (Japan), Alberto F. Pasquevich (Argentina), Helena M. Petrilli (Brazil),

Mario Renteria (Argentina), Reiner Vianden (Germany) ,Gary Wulfsberg (USA)

Ilan Yaar (Israel), Matthew Zacate (USA), Shengyun Zhu (China)

### **Program Committee**

Krish Bharuth-Ram (South Africa),Stefaan Cottenier (Belgium),Pierre Dalmas de Reotier (France),

Lars Hemmingsen (Denmark), Wayne. Hutchison (Australia),Guido Langouche (Belgium),

Kensaku Matsuta (Japan), Ko Mibu (Japan),Alberto F. Pasquevich (Argentina),

Helena M. Petrilli (Brazil),Reiner Vianden (Germany), Deshen Xue (China),

Matthew. Zacate (US),Guilin Zhang (China), Shengyun Zhu (China)

### **Local Organizing Committee**

Zhifang Chai (IHEP), Dongfeng Chen (CIAE), Zhigang Ge (CIAE)

Zhengchi Hou (SINAP),Peiwen Ji (NSFC), Fashen Li (LZU),

Jun Lin (SINAP), Wenqing Shen (NSFC), Jianbo Wang (LZU),

Junhu Wang (DICP),Haihong Xia (SNPTC), Hongyi Yang (CIAE),

Daqing Yuan (CIAE), Huanqiao Zhang (CIAE), Tao Zhang (DICP),

Yongnan Zheng(CIAE), Shengyun Zhu (CIAE), Yi Zuo (CIAE)

### **Conference Secretariat**

Ping Fan (CIAE), Zhigang Ge (CIAE) ,Zhouguo He (CIAE),

Daqing Yuan (CIAE), Yongnan Zheng (CIAE), Yi Zuo (CIAE)