

FIRST ANNOUNCEMENT

The Sixth International Symposium "Atomic Cluster Collisions"

第六届原子团簇碰撞国际研讨会



Wuhan-Chongqing, China

18-23 July 2013



Wuhan Institute of Phys. & Math.
Chinese Academy of Sciences



FIAS Frankfurt Institute
for Advanced Studies



A. Scope and Program

The sixth International Symposium "Atomic Cluster Collisions" (ISACC 2013) will take place in July 18-23 2013 in Wuhan, China. The venue of the meeting will be Wuhan Hongyi Hotel and the cruise liner traveling along the Yangtze River. The ISACC 2013 is organized by the Wuhan Institute of Physics and Mathematics (WIPM) and Frankfurt Institute for Advanced Studies (FIAS).

ISACC started as an international symposium on atomic cluster collisions in St. Petersburg, Russia in 2003. The second ISACC was held at the GSI, Darmstadt, Germany in 2007. Both first and second symposia were satellites of the International Conferences on Photonic Electronic and Atomic Collisions (ICPEAC). The third ISACC has returned to St. Petersburg, Russia in 2008 and was organized as a separate conference. The fourth ISACC took place in Ann Arbor, Michigan in 2009, USA; and the fifth ISACC took place in St.-Michaels-Heim, Berlin in 2011, Germany; both were satellite of the ICPEAC.

The ISACC2013 will promote the growth and exchange of scientific information on the structure, properties and dynamics of complex nuclear, atomic, molecular, cluster, nanoscopic and biological systems studied primarily by means of photonic, electronic, heavy particle and atomic collisions. In the symposium, particular attention will be devoted to dynamical phenomena, many-body effects taking place in clusters, nanostructures, molecular and biological systems, which include problems of fusion and fission, fragmentation, collective electron excitations, phase transitions, radiation damage and many more. Both experimental and theoretical aspects of cluster physics uniquely placed between nuclear physics on one hand and atomic, molecular and solid state physics on the other will be subject of the symposium. The sixth symposium will again be a satellite of the ICPEAC2013, which will be held in Lanzhou, China, soon after the ISACC2013 (July 24- 30 2013).

The following plenary sessions are planned:

- Structure and dynamics of atomic clusters and nanoparticles
- Electron & photon cluster collisions
- Ion-cluster collisions
- Cluster structure and dynamics on a surface
- Fusion, fission, fragmentation and phase transitions in finite systems
- Clustering in systems of various degrees of complexity
- Structure and dynamics of biomolecules
- Cluster-molecule interactions, reactivity and nanocatalysis
- Collision processes with biomolecules
- Clusters and biomolecules in external fields: electric, magnetic, laser etc.
- Cluster and bimolecular research at Free Electron Lasers (FEL)

B. Conference Affairs

Scientific Program

The scientific program for the Conference will consist of interdisciplinary sessions, which will include invited lectures, review talks and progress reports. A number of contributed papers will be chosen as special reports by the International Advisory Committee of ISACC2013. Other contributed papers will be presented in a poster session. Suggestions about possible candidates for invited speakers should be sent to Chairmen of the ISACC 2013. The list of invited speakers will be announced in the SECOND ANNOUNCEMENT of ISACC2013.

Important Dates

Distribution of the SECOND ANNOUNCEMENT: April 15, 2013

Opening of online registration service: April 15, 2013

Deadline for early registration: May 15, 2013

Deadline for abstracts: June 15, 2013

Conference Agenda

The conference will start in Wuhan city and finish in Chongqing city. The following meeting will be held during the cruise liner traveling along the Yangtze River. The Local organizing committee will book the hotel in Wuhan and the cruise ticket for the conference participants.

Date	Contents	Venue
7-18	Registration*	Wuhan Hongyi Hotel
7-19	Morning: Opening ceremony, Several talks, Visit WIPM Afternoon: Going to Yichang (by bus), Registration* Evening: Boarding Cruise, Meeting	Wuhan Institute of Phys. and Math. (WIPM) Yichang Cruise/Yichang
7-20	Morning: Three Gorges Dam sightseeing (by bus) Afternoon: Meeting Evening: Performance	Cruise
7-21	Morning: Lesser Three Gorges sightseeing (by boat) Afternoon: Meeting Evening: Poster Presentation	Cruise
7-22	Morning: Fengdu Ghost Town sightseeing (walking) Afternoon: Meeting Evening: Banquet	Cruise
7-23	Departure after breakfast	Cruise/Chongqing

* Advise registration in Wuhan on July 18. Due to special circumstances, you can make registration in Yichang on July 19 on the fleet Victoria Anna.

Conference Fee

Online Payment Platform like Pay-pal will be supported when the online registration service opened in March 2013.

Level of Participation	Registration Fee ^a		Accommodation in Wuhan ^b	Cruise Ticket ^c	
	Before May 15 2013	After May 15 2013		A-Class	B-Class
Regular Participant	200 Euro	250 Euro	100 Euro	500 Euro	400 Euro
Student Participant	100 Euro	150 Euro	50 Euro	×	300 Euro
Accompanying Person	0	50 Euro	50 Euro	500 Euro	400 Euro

a) The registration fee includes the meeting material printing costs, venue rental, coffee breaks, the welcome dinner etc.

b) Accommodation in Wuhan: One day in Hongyi Hotel (July 18). Regular Participant occupies a whole room. Two student participants share a double room.

c) Cruise Ticket includes the accommodation (4 nights (July 19-22), 1 bed, 4 breakfast, 3 lunch, 4 dinner (1 banquet)), sightseeing and the travelling expenses.

A-Class Room: Executive Suite, 30.42 m² in size, two beds.

B-Class Room: Superior Cabin, 19.11 m² in size, two beds.

Every two participants share a room in the fleet. Anyone occupying a room should buy two cruise tickets.

Special Attention!!

The Number of participants of ISACC2013 is restricted by the passenger capacity of the fleet. Enough big fleet will be chartered, but if the cruise tickets are sold out occasionally, the online registration system will be closed at once and no longer opened. Please finish online registration and payment as early as possible in order to lock your cruise ticket.

Conference Language

The language of the conference is English.

C. Travel and Tour

About Wuhan City

Wuhan city is the capital of China's Hubei province. Wuhan is a major transportation thoroughfare and the political, cultural, and economic hub of Central China. There are more than 20 universities or colleges in this City. Also Wuhan is a very beautiful city with long history. There are many scenery spots, such as Yellow Crane Tower, Guiyuan Temple, Hubei provincial Museum etc. The longest River in China, also the third longest in world -Yangtze River runs through the City, echoing

with the East Lake, which is the largest lake with a city in China.

About the Fleet

Victoria's ships are specially designed to navigate the Yangtze River, and are all officially rated five stars by the China National Tourism Administration (its highest rating). The Victoria Anna is the Yangtze's largest and most luxurious ship.

Facilities include two restaurants (a single-seating main dining room, and an a la carte restaurant on the top deck), two elevators, a three-story atrium lobby, two lounges, three bars, a gym, lecture room, library, beauty salon, massage room, and gift shop.

The Victoria Anna has the most suites of any ship on the Yangtze River, and all cabins have private balconies. The Anna is equipped with internet access, and cabins have HBO and CNN broadcasts.

Click [HERE](#) for more information.

Tour Information

During the meeting, several short sightseeing will be alternated, including Three Gorges Dam sightseeing, Little Three Gorges sightseeing and Fengdu Ghost Town sightseeing. The Three Gorges on the Yangtze River are Famous for their breathtaking scenery, and are praised as nature's art gallery and wonderland. Of the three Gorges, the Qutang Gorge is magnificent and precipitous, the Wuxia Gorge is deep and beautiful and the Xiling Gorge has rapids and many rocks. The water in the Lesser Three Gorges is clean and both banks are blanketed with trees and have many historical sites, scenic spots and lovely legends. Today, a huge dam is built along the Three Gorges. It offers visitors a new look amidst the precipitous gorges.

D. Committee and Contact

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More information and updates will be found in the ISACC2013 website:

<http://isacc2013.csp.escience.cn>