

SECOND 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



Scope

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).

Conference Affairs

Scientific Program

The scientific program for the symposium 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 following plenary sessions are planned:

- Structure and dynamics of atomic clusters and nanoparticles
- Ion-cluster collisions
- Cluster structure and dynamics on a surface
- Electron and photon cluster collisions

- Clustering in systems of various degrees of complexity
- Cluster-molecule interactions, reactivity and nanocatalysis
- Structure and dynamics of biomolecules
- Clusters and biomolecules in external fields: electric, magnetic, laser etc.
- Collision processes with biomolecules
- Cluster and bimolecular research at Free Electron Lasers (FEL)

List of Confirmed Speakers :

Alexander Kuleff, Universität Heidelberg, Germany
Alexey Verkhovtsev, Frankfurt Institute for Advanced Studies, Frankfurt am Main, Germany
Alfred Msesane, Clark Atlanta University, Atlanta, USA
Alfred Mueller, Giessen University, Germany
André Fielicke, Technical University Berlin, Germany
Andrei Korol, Frankfurt Institute for Advanced Studies, Frankfurt am Main, Germany
Andrey Solov'yov, Frankfurt Institute for Advanced Studies, Frankfurt am Main, Germany
Atsushi Nakajima, Keio University, Yokohama, Japan
Bernd Huber, CIMAP-CEA, Caen, France
Bernd von Issendorf, University of Freiburg, Germany
Catherine Brechignac, Academy of Sciences, CNRS, Paris, France
Cheuk-Yiu Ng, University of California, Davis, USA
Dong-Sheng Yang, University of Kentucky, USA
Eleanor Campbell, The University of Edinburgh, UK
Eric Suraud, Université Paul Sabatier, Toulouse, France
Eugene Surdutovich, Oakland University, USA
Fernand Spiegelmann, Université Paul Sabatier, Toulouse, France
Gerardo Delgado Barrio, Instituto de Física Fundamental, Madrid, Spain
Gordon W. F. Drake, University of Windsor, Canada
Guanghou Wang, Nanjing University, China
Henrik Cederquist, Stockholm University, Sweden
Himadri Chakraborty, Northwest Missouri State University, USA
Jean-Patrick Connerade, Imperial College, UK
Julia Aysina, UIBK Innsbruck, Austria
Julius Jellinek, Argonne National Laboratory, Illinois, USA
Karl-Heinz Meiwes-Broer, University of Rostock, Germany
Kiyonobu Nagaya, Kyoto University, Japan
Lai-Sheng Wang, Brown University, USA
Philippe Brechignac, Université Paris Sud, Orsay, France
Ruediger Schmidt, TU Dresden, Germany
Shenggui He, Institute of Chemistry, Chinese Academy of Sciences, China
Steven Manson, Georgia State University, Atlanta, USA
Thomas Möller, Technische Universität, Berlin, Germany
Vadim Ivanov, St.Petersburg State Polytechnic University, Russia
Vitaly Kresin, University of Southern California, USA

Weijun Zheng, Institute of Chemistry, Chinese Academy of Sciences, China

Yongfeng Lu, University of Nebraska-Lincoln, USA

Zhi Zeng, Institute of Solid State Physics, Chinese Academy of Sciences, China

Important Dates

Distribution of the SECOND ANNOUNCEMENT: April 23, 2013

Deadline for early registration: May 20, 2013

Deadline for abstracts: June 15, 2013

Symposium Time Frame

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	Place
7-18	9 ⁰⁰ -20 ⁰⁰ : Participants registration *	Wuhan Hongyi Hotel
7-19	8 ³⁰ -9 ⁰⁰ : Opening ceremony	Wuhan Institute of Phys. and Math. (WIPM)
	9⁰⁰-10³⁰: Morning session I	
	10 ³⁰ -12 ⁰⁰ : Visit WIPM	
	12 ⁰⁰ -13 ³⁰ : Lunch	Yichang Cruise/Yichang
	13 ³⁰ -18 ⁰⁰ : Going to Yichang (by bus), boarding*	
	18 ⁰⁰ -19 ³⁰ : Dinner	
20⁰⁰-21³⁰: Evening session I		
7-20	7 ⁰⁰ -8 ⁰⁰ : Breakfast	Cruise
	9 ⁰⁰ -12 ⁰⁰ : Three Gorges Dam sightseeing (by bus)	
	12 ⁰⁰ -13 ³⁰ : Lunch	
	14⁰⁰-15³⁰: Afternoon session I-1 & I-2	
	15 ³⁰ -16 ⁰⁰ : Coffee break	
	16⁰⁰-17³⁰: Afternoon session II-1 & II-2	
	18 ⁰⁰ -20 ⁰⁰ : Captain welcome reception and dinner	
20 ⁰⁰ -22 ⁰⁰ : Welcome performance		
7-21	7 ⁰⁰ -8 ⁰⁰ : Breakfast	Cruise
	8 ⁰⁰ -13 ⁰⁰ : Lesser Three Gorges sightseeing (by boat)	
	13 ⁰⁰ -14 ⁰⁰ : Lunch	
	14³⁰-16⁰⁰: Afternoon session I-1 & I-2	
	16 ⁰⁰ -16 ³⁰ : Coffee break	
	16³⁰-18³⁰: Afternoon session II-1 & II-2	
	19 ⁰⁰ -20 ³⁰ : Dinner	
19⁰⁰-20³⁰: Poster session		
7-22	7 ⁰⁰ -8 ⁰⁰ : Breakfast	Cruise
	9 ⁰⁰ -12 ⁰⁰ : Fengdu Ghost Town sightseeing (walking)	
	12 ⁰⁰ -13 ³⁰ : Lunch	
	14⁰⁰-15³⁰: Afternoon session I-1 & I-2	

	15 ³⁰ -16 ⁰⁰ : Coffee break 16 ⁰⁰ -17 ³⁰ : Afternoon session II-1 & II-2 20 ³⁰ -22 ⁰⁰ : Banquet	
7-23	7 ⁰⁰ -8 ⁰⁰ : Breakfast. 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.

** Free shuttle buses will be provided from the dock to Chongqing airport for ISACC participants and accompanying persons.

Registration and general inquiries

Registration is opened now. The registration form can filled in and submitted on the conference website. Please follow the following link to access the registration form:

<http://isacc2013.csp.escience.cn/dct/page/65554>

Symposium Fees

Online Payment Platform is supported by Paypal. Paypal account and major credit cards (Visa, MasterCard, American Express, Discover, etc.) are accepted. The below-mentioned fees include supplement for credit or debit card payment (~3.9%).

Level of Participation	Registration Fee ^a		Accommodation in Wuhan ^b
	Before May 15 2013	After May 15 2013	
Regular Participant	260 USD	325 USD	130 USD
Student Participant	130 USD	195 USD	65 USD
Accompanying Person	0	0	65 USD
Accompanying Child	0	0	65 USD

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

b) Accommodation in Wuhan: One day accommodation in Hongyi Hotel (July 18) and transportation fees. Regular Participant occupies a whole room (130 USD per room), there are two beds in a room, and extra bed should be afford additional 65 USD.

Two student participants share a double room (65 USD per person).

Level of Participation	Cruise Ticket ^c					
	A-Class			B-Class		
	Share	Occupy		Share	Occupy	
		Extra Bed			No Bed	
Regular Participant	650 USD	1300 USD	×	520 USD	1040 USD	×
Student Participant	×	×	×	390 USD	×	×
Accompanying Person	650 USD	×	×	520 USD	×	×
Accompanying Child (Younger than 15) ^d	650 USD	×	325 USD	520 USD	×	×
Accompanying Child (Younger than 5) ^e	650 USD	×	325 USD	520 USD	×	260 USD

c) Cruise Ticket includes the accommodation (4 nights (July 19-22), 1 bed, 4 breakfasts, 3 lunches, 4 dinners (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.

d) Born after July 19, 1998.

e) Born after July 19, 2008.

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.

Symposium Language

The language of the symposium is English.

Abstracts Submission

The length of each abstract is strictly limited to one page. Abstracts should be informative, carefully prepared, with new insights stressed. The abstract should enable the program committee to judge the scientific merit of the paper.

Abstracts must be submitted on-line using the given Templates. The abstracts should be submitted in tex/doc/docx/pdf format via the electronic submission form available at <http://isacc2013.csp.escience.cn/dct/page/65558> not later than June 15, 2013. If there are more than one attachment, please put them in a rar/zip file before uploading.

To guarantee being considered by the program committee, all contributed abstracts must be submitted before the deadline (15 June, 2013). Please note that any submitted abstract, even if accepted by the program committee, will not be included in the conference program should you fail to register for the conference.

Posters

All participants whose contribution is accepted for ISACC2013 are invited to prepare posters for poster sessions.

The posters should fit the dimensions of A0 format (119 cm × 84 cm).

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.

Visa and Travel Authorization

Conference participants from most countries will be required to obtain a visa to enter China. Conference participants can apply for a Chinese visa through a travel agency or directly at local Chinese embassy or consulate. For attending conference, one can apply for either a tourist visa (Visa L) or a business visa (Visa F). Conference participants should check the visa requirements well in advance. The Chinese Visa Application Service Centre at local Chinese embassy or consulate provides helpful information on how to apply for a Chinese visa.

The ISACC2013 organizer encourages participants to apply for their visas as early as possible. No visa is required for ordinary passport holders from some countries (e.g. Singapore, Brunei and Japan) to visit China for up to 15 days. Conference participants are strongly recommended to consult the local Chinese Embassy or Consulate for the most current requirements and those specific to their situations.

(See <http://www.fmprc.gov.cn/eng>, for official visa information)

Visa L (the Tourist Visa)

The participants are strongly encouraged to apply for the tourist visa (Visa L), the

application procedure will be much simpler than for Visa F. You'd better find a local travel agency, and ask them to help you to apply visa L.

(See <http://www.travelchinaguide.com/embassy/visa/tourist.htm>, for guides of visa L application)

Visa F (the Business Visa)

In case you apply for the Business Visa (Visa F), an invitation letter for the conference together with the official authorized document will be required, and you need to contact [the ISACC2013 organizer](#) before 3 June, 2013 including the following information in your email:

Items	Example
Passport Number	123456789
Full Name As in Passport	Jack Einstein
Gender	Male
BirthDay	1980-06-30
Nationality	China
City to Apply for VISA	Beijing
Date of First Entry	2013-07-16
Departure Date	2013-07-25
POST Address	West No.30 Xiao Hong Shan, Wuhan Institute of Phys. and Math, Wuhan 430071 China
Curriculum Vitae	1999.9-2003.7 Wuhan University 2003.8-2013.7 Wuhan Institute of Phys. and Math.

(Please note that we can offer an official authorized document with a valid period only from 10 July, 2013 to 30 July, 2013.)

(See <http://www.fmprc.gov.cn/eng>, for official visa information)

Letters of Invitation

Letters of invitation to attend ISACC2013 will be sent upon request. Invited speakers may request a letter starting from 1 February, 2013. For participants submitting contributed abstracts, requests should be made as soon as possible after 15 April, 2013, following reviews of the abstracts by the ISACC Program Committee. The title of your invited talk or contributed poster will be specifically mentioned in the letter. Both an electronic copy and a hard copy can be requested.

Committee and Contact

Advisory Committee

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- **F. Gianturco** (University of Rome "La Sapienza", Rome, Italy)
- **W. Greiner** (Johann Wolfgang Goethe University, Frankfurt am Main, Germany)
- **H. Haberland** (University of Freiburg, Freiburg, Germany)
- **B. Huber** (Centre Interdisciplinaire de Recherche Ions Lasers, CIRIL-GANIL, Caen, France)
- **J. Jellinek** (Argonne National Laboratory, Argonne, Illinois, USA)
- **S. Khanna** (Virginia Commonwealth University, Virginia, USA)
- **T. Moeller** (Institut für Optik und Atomare Physik, TU, Berlin, Germany)

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- **Jiaming Li** (Shanghai Jiao Tong University, Tsinghua University)
- **Guanghou Wang** (Nanjing University)
- **Peixiang Lu** (Huazhong University of Science and Technology)
- **Yuxiang Weng** (Institute of Physics, CAS)
- **Xinwen Ma** (Institute of Modern Physics, CAS)

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Symposium's web page

More information and updates will be found in the ISACC2013 website:
<http://isacc2013.csp.escience.cn>

Symposium's e-mail

isacc2013-info@wipm.ac.cn

isacc-info@fias.uni-frankfurt.de