

## Invitation

You are cordially invited to participate in and to contribute to the 27<sup>th</sup> International Conference on Atomic Collisions in Solids (ICACS-27) that will be held from 24<sup>th</sup> to 29<sup>th</sup> July 2016 at IMP in Lanzhou.

## Committees

### International Scientific Committee

T. Azuma (Japan)	T. Schenkel (USA)
B. Dev (India)	C. Theron (South Africa)
P. Grande (Brasil)	A. Titov (Russia)
O. Grizzi (Argentina)	M. Toulemonde (France)
K. Kimura (Japan)	K. Tökési (Hungary)
C. Lemell (Austria)	C. Trautmann (Germany)
R.C. Monreal (Spain)	U. Uggerhoy (Denmark)
J. O'Connor (Australia)	Z.G. Wang (China)
P. Riccardi (Italy)	H. Winter (Germany)
M. Szymonski (Poland)	

### Local Committee

Chair:	G.Q. Xiao (IMP, Lanzhou)
Co-Chairs:	Z.G. Wang (IMP, Lanzhou)
	X.W. Ma (IMP, Lanzhou)
Members:	Z. An (SCU, Chengdu)
	F. Chen (SDU, Jinan)
	X.M. Chen (LZU, Lanzhou)
	G.H. Lv (BUAA, Beijing)
	J. Liu (IMP, Lanzhou)
	T.S. Wang (LZU, Lanzhou)
	Y.G. Wang (PKU, Beijing)
	C.H. Zhang (IMP, Lanzhou)
	F.S. Zhang (BNU, Beijing)
	Y.T. Zhao (XJTU, Xi'an)
	Z.Y. Zhu (SINAP, Shanghai)
Secretaries:	J.R. Sun (IMP, Lanzhou)
	Y.Y. Wang (IMP, Lanzhou)

## History and Scope

ICACS is a biennial meeting, which devotes to problems of physics of atomic collisions with solids and related topics. The most recent meetings have been held in Debrecen (Hungary, 2014), Kyoto (Japan, 2012), Krakow (Poland, 2010), Phalaborwa (South Africa, 2008), Berlin (Germany, 2006), Genova (Italy, 2004) and Puri (India, 2003).

The objectives of ICACS-27 are to assess the state of the art in the current understanding of a variety of basic phenomena in the electron and atom dynamics such as:

- ◆ Charge-exchange processes
- ◆ Collective as well as single-particle excitation and ionization
- ◆ Energy loss, scattering and channeling of primary and secondary particles
- ◆ Electron, atom, ion and photon emission-processes
- ◆ Slow highly-charged-ion interactions at surfaces
- ◆ Radiation damage and materials modification, including nuclear-energy materials
- ◆ High-energy-density physics with intense ion beams and relation to plasma physics
- ◆ Collision induced complex physical, chemical and biological reactions

## Important dates

Announcement and call for paper:	5 <sup>th</sup> Dec. 2015
Abstract submission open:	1 <sup>st</sup> Feb. 2016
Abstract submission deadline:	31 <sup>th</sup> Mar. 2016
Notice of acceptance:	20 <sup>th</sup> Apr. 2016
Early registration deadline:	15 <sup>th</sup> May 2016
Manuscript submission deadline:	10 <sup>th</sup> Aug. 2016

24<sup>th</sup>-29<sup>th</sup> July 2016  
Lanzhou, China

# 27<sup>th</sup> International Conference on Atomic Collisions in Solids



Organized by  
**Institute of Modern Physics,  
Chinese Academy of Sciences**



Website: <http://icacs27.impcas.ac.cn>  
E-Mail: [icacs27@impcas.ac.cn](mailto:icacs27@impcas.ac.cn)  
[icacs2016@impcas.ac.cn](mailto:icacs2016@impcas.ac.cn)  
Phone: +86 931 4969663 +86 931 4969647  
Fax: +86 931 4969330

## Abstracts and Proceedings

Authors are invited to submit the one-page abstracts in PDF and Word with clearly stating the purpose, the principal results, and major conclusion to be presented at the conference.

Conference proceedings will be published as a special issue of Nuclear Instruments and Methods in Physics Research B.

For more detailed information, please visit website and download related submission guidelines.

## Registration and Fees

Participants are asked to fill in the registration form on the conference website:

<http://icacs27.impcas.ac.cn>

	Early registration (until 15 <sup>th</sup> May, 2016)	Late registration (after 15 <sup>th</sup> May, 2016)
Regular	3,500 ¥	4,000 ¥
Student	2,000 ¥	2,500 ¥
Accompanying person	1,500 ¥	1,800 ¥

The regular registration fees include followings:

- Welcome reception
- Conference lunch and dinner
- Coffee breaks during the sessions
- Conference banquet
- One hard copy of book of abstracts
- Full paper publication in the Proceedings
- Excursion fee

For students, the registration fees do not include conference banquet.

For accompanying persons, the registration fees do not include abstracts and proceedings.

## Conference Venue

ICACS-27 will be held at the lecture hall of the Institute of Modern Physics (IMP, Chinese Academy of Sciences), Lanzhou, China.

Travel information, please visit website.

## Accommodation

For the reasons of accessibility, several hotels around IMP are recommended for the delegates. Because July is a tourist season, early booking is strongly recommended. While a list of recommended hotels will be posted on the conference website and our agent will help your booking upon request, we also suggest booking via a commercial booking service, which often have better special rates than those that we could negotiate.

## About Lanzhou

The conference will be held in Lanzhou, which is the capital of Gansu province and one of the largest cities in Northwest China. Situated in the heart of continental China, it is known as the “capital of hinterland China”. It spreads many miles along a thin valley, sandwiched in by hills and the Yellow River. The Yellow River is flowing through the whole city.

Lanzhou was a significant fortress (for around 1,400 years) of the Hexi Corridor, an eastern and crucial stretch of the Silk Road that led to a long period of great prosperity in the city. The city has some good sights, both within its environs and nearby. The traditional tourist attractions include the green corridor of Binghe Road, the Provincial Museum, the Mountain of Five Springs, the Xinglong Mountain. Around the city, the Bingling Grottoes and Lutusi ancient governments are most valuable to visit.

Taking Lanzhou as the sightseeing center, three main touring routes stretch out to the east, west and south. The eastern route includes Maiji Mountain Grottoes in Tianshui, Kongtong Mountain in Pingliang. The western route, which is the “cadenza” of the whole Silk Road, includes the imposing Gate Tower in Jiayuguang, the well-known murals in Dunhuang, and so on. The Southern route will travel through the beautiful pastures in Gannan, immense green forests along the Bailong River, and the famous Labrang Lamasery in Xiahe.

The plentiful sunshine and large temperature variation between day and night make Lanzhou as one of the famous Melons-and-Fruits cities. In summer and autumn, the city is full of fragrance of melons and fruits. Lanzhou Melon, Winter Pear, Soft Pear and White Peach are typical melons and fruits which are waiting for you to taste. Moreover, two of local foods you should not miss are Lanzhou Beef Noodles and Lanzhou Mutton.

We are looking forward to meeting you in Lanzhou!

