

Invitation

You are cordially invited to participate in and to contribute to the 27th International Conference on Atomic Collisions in Solids (ICACS-27) that will be held from 24th to 29th 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 th Dec. 2015
Abstract submission open:	1 st Feb. 2016
Abstract submission deadline:	10 th Apr. 2016
Notice of acceptance:	20 th Apr. 2016
Early registration deadline:	15 th May 2016
Manuscript submission deadline:	10 th Aug. 2016

24th-29th July 2016
Lanzhou, China

27th International Conference on Atomic Collisions in Solids



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



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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. We highly recommend you pay the registration fee online.

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

	Early registration (until 15 th May, 2016)	Late registration (after 15 th 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

Extra 500 ¥ is needed for students to attend 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.

Accommodation

Several hotels are available around IMP within walking distance. You can make a reservation via a commercial booking service. For more information, see <http://icacs27.impcas.ac.cn>.

Travel

Lanzhou Zhongchuan airport provides dense flight connections with Beijing, Shanghai, Xi'an. It takes about one hour from the airport to urban district. Intercity Railway, Airport Shuttle Bus and taxi are 24 hour available after each flight. See <http://icacs27.impcas.ac.cn> for more detail information.

Climate

Climate on July in Lanzhou is quite pleasant with a chance of rain. The average temperature varies from 15°C at night to 25°C during the day.

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.

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 meet you in Lanzhou!

