

# COOL'09

## Workshop on Beam Cooling and Related Topics

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**August 31 – September 4, 2009**  
**IMP, Lanzhou, P.R.China**

### Second Announcement

This is the second announcement for the Workshop on Beam Cooling and Related Topics (COOL'09) which will be held on August 31 – September 4, 2009 in Lanzhou, P.R.China. The workshop is being organized by the Institute of Modern Physics (IMP), Chinese Academy of Sciences (CAS). The workshop will highlight the state of the art in the physics and engineering of beam cooling systems and related techniques, including electron, stochastic, laser and ionization cooling.

### Workshop Layout

The workshop main topics are as follows:

- Electron cooling;
- Stochastic cooling;
- Laser cooling;
- Muon cooling;
- Ionization cooling;
- Storage of particles in antiproton and heavy ion traps;
- Other methods of phase space manipulation.

The workshop will start with a get-together reception on Sunday, August 30, 2009, and continue with oral presentations, poster sessions, a conference banquet, a conference excursion and a technical tour of the IMP facilities (including cyclotrons, storage rings and experimental terminals) through Monday, August 31 to Friday, September 4, 2009.

### Contributions

The deadline for submission of abstract has passed. Paper submission has started. The papers will be published with JACOW and also will be published in COOL09

proceedings. The papers must be submitted before the workshop, the deadline is August 26, 2009. Only papers which are presented in talks or as posters during the workshop can be published.

The papers will be edited during the workshop and the proceedings should be available a few weeks after the conference. The style of the papers is the one well known from particle accelerator conferences (PAC, EPAC...). The page limit is 5 pages for invited speakers and 4 pages for others. Authors should bring a printed copy of the paper to the conference. All necessary information for paper publication can be found on the JACOW webpage.

We ask all authors to respect the deadline for paper submission before the conference, which is crucial for immediate publication of the proceedings.

## **Program**

The detailed program has been upload on the COOL'09 homepage. Authors can check the time of your talks on the website <http://cool09.impcas.ac.cn>.

## **Oral Presentations**

A personal computer operating under Windows Vista (English version) will be available for the electronic presentations. The following soft ware will be installed on the computer:

PowerPoint 2003

Word 2003

Acrobat Reader 9.0

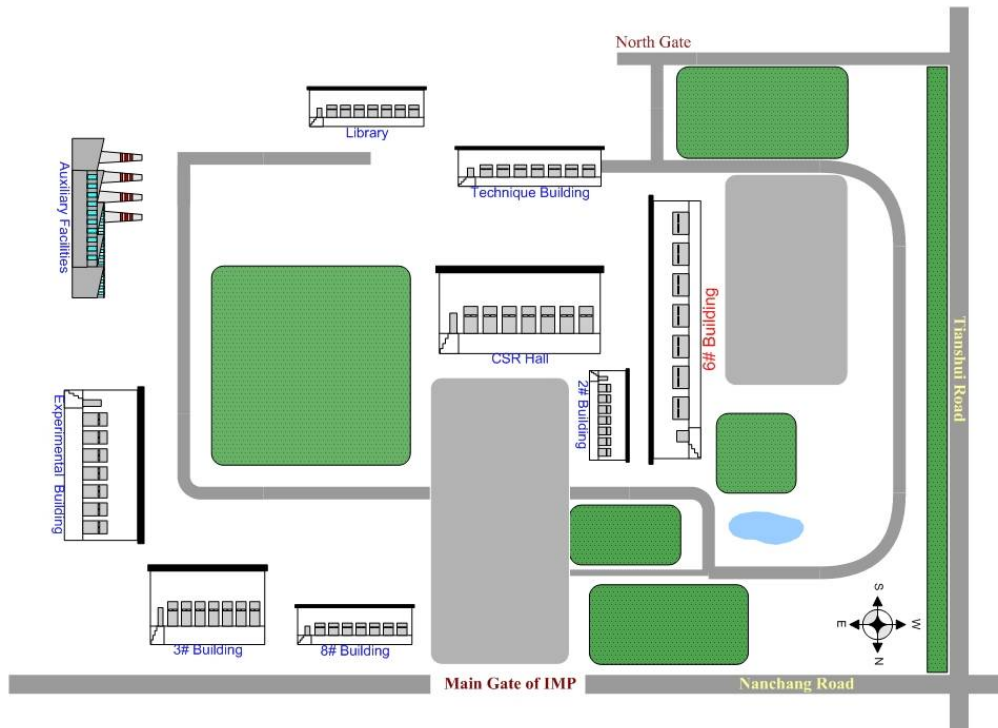
The time for oral contributions (invited and contributed) is 25+5 minutes. In order to provide enough time for discussion the time limit for the talk should not be exceeded.

## **Posters**

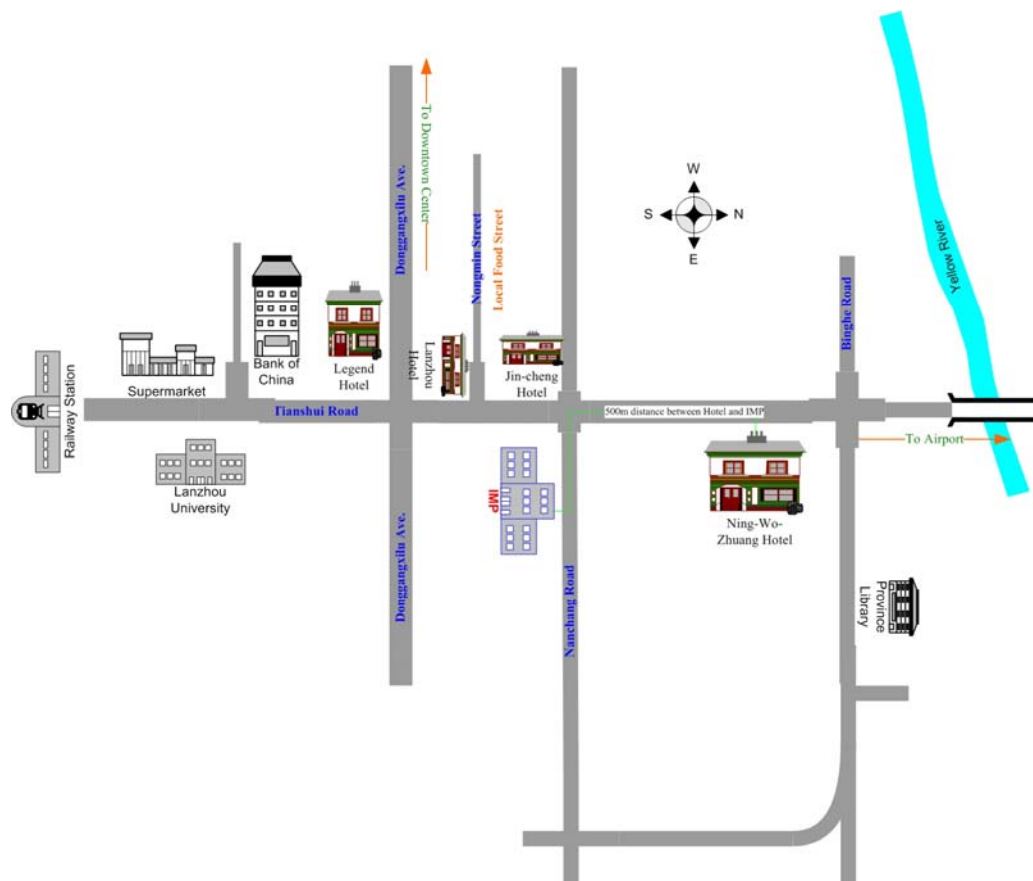
Poster boards with a size of 2m height and 1m width will be provided. The posters should be mounted after the Thursday morning session and should be manned Thursday afternoon between 14:00 and 16:00. Mounting material will be provided.

## **Workshop Venue and Hotel**

The workshop will be held in the Conference Hall of the 6# Building at IMP (<http://cool09.impcas.ac.cn>). The general layout plot of IMP is given as following:



IMP is located at the cross point of the Nanchang Road and the Tianshui Road. The Workshop hotel is Ning-Wo-Zhuang Hotel which is only 500 meters away from IMP. From your room, by less than 10 minutes' walk on foot, you can arrive at IMP. In the plot below, you can find the geometrical location of IMP and Ning-Wo-Zhuang Hotel.



A number of rooms have been reserved in the Ning-Wo-Zhuang Hotel for the workshop participants. Detail information about Lanzhou can be found on the website:

<http://www.chinats.com/lanzhou/index.htm>.

All the participants are expected to make their hotel reservation on the hotel website:

<http://www.gsnwzhotels.com/English/index.asp>.

The hotel payment can be made by credit card or cash when you arrive at the hotel or during your stay in the hotel. Please contact with Mr. Qiang Liang ([liangq@impcas.ac.cn](mailto:liangq@impcas.ac.cn)) if you have any questions related to the hotel reservation, and you may also reserve your hotel room through him.

## Registration and Workshop Fee

The early registration fee is €450.00 for regular participants. After July 31, the registration fee will be €500.00. The registration fee for each accompany person is €250.00. Registration fees include:

- ✧ Attendance at all sessions
- ✧ All materials of the workshop including the proceedings and the book of abstracts
- ✧ The workshop coffee breaks and lunch through Monday to Thursday
- ✧ Get-together reception, conference banquet
- ✧ Technical tour of the IMP facilities
- ✧ Conference excursion to Ta'er Lamasery
- ✧ Transport between the hotel and Lanzhou airport (70 km)

Before August 29, 2009, payment of the registration fee can only be made by wire remittance to the workshop bank-account. Cash or credit card for registration fee can be accepted at workshop registration desk on Sunday, August 30, 2009.

The workshop bank-account information is as follows:

BENEFICIARY:	Institute of Modern Physics, Chinese Academy of Sciences
ACCOUNT NO:	325127835688091038 (For Euro money)
ACCOUNTING BANK:	BANK OF CHINA GANSU BRANCH
SWIFT:	BKCHCNBJ660

**Please remember that the early registration deadline is Friday, July 31, 2009.**

## Visa Information

Each registered COOL'09 workshop participant should receive an invitation letter for the visa application from IMP with an official **VISA APPLICATION FORM**. The participants should apply for visa at Chinese Embassy or Consulate in their resident countries. If you have not yet received an invitation letter for the visa

application, please contact with us.

## **Travel**

It is 70 km away from Lanzhou Zhongchuan Airport to Ning-Wo-Zhuang Hotel. Participants are kindly requested to inform the local organizing committee your arrival date, flight number, and landing time; we will pick up you at the airport and drive you to the hotel. Please directly send your arrival information by email to [cool09@impcas.ac.cn](mailto:cool09@impcas.ac.cn). Additionally, there is also hourly airport shuttle bus that drives you to the downtown of Lanzhou (the last stop of the shuttle bus is near to Lanzhou University, which is only about 700 meters away from Ning-Wo-Zhuang Hotel). If you come to Lanzhou by train, you can take the No. 10 bus to reach Ning-Wo-Zhuang Hotel or IMP (the Train Station is about 2km away from IMP).

## **Conference Excursion**

Wednesday, September 2<sup>nd</sup>, is reserved for the conference excursion to Ta'er Monastery. Ta'er Monastery (Kumbum Monastery) is one of the six biggest monasteries of the Yellow Hat Sect (Gelugpa Sect) of Tibetan Buddhism. In memory of the founder of the Yellow Hat Sect, Tsong Khapa (1357-1419), the pagoda was built at his birthplace, today's Huangzhong County in Xi-Ning in 1577. Later it was a perfect complex of both the Tibet style architecture and the Han style buildings. Now the Ta'er Monastery is considered a sacred place in China.

In the Tibetan language, Ta'er Monastery is called 'gongben', which means '10,000 figures of Buddha'. During its long 400 years of history, it has gradually become a place of interest for its distinct ethnic color and native style. The whole area covers more than 144 thousand square meters (about 36 acres) with mountains surrounding it. It has 9,300 rooms and 52 halls. Just judging from these figures, you can imagine what a splendid place it is. The Ta'er Monastery is a group of fine buildings in a combination of both the Han and Tibetan styles of architecture on the mountain slopes. It has lofty temples and halls rising one upon another. The palace buildings, Buddhist halls, sleeping quarters, as well as the courtyards echo each other and thus enhance the beauty of the whole area. Among so many buildings, the Great Hall of the Golden Roof and the Great Hall of Meditation are the main parts.

The Ta'er Monastery is rich in fascinating arts. The famous butter sculptures, the barbolas, and the murals are considered to be the three most unique arts of superb craftsmanship.

## **Workshop Sponsored by**

Institute of Modern Physics (IMP), CAS

Chinese Academy of Sciences

## **Important Dates**

Workshop dates	August 31 – September 4, 2009
Early Registration Deadline (for reduced fee)	July 31, 2009
Second Announcement and Final Program	August 1, 2009
Deadline for Manuscripts submission	August 26, 2009

## **Program Committee**

Ilan Ben-Zvi (BNL)  
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Yaroslav Derbenev (JLab)  
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