

First circular of NUSYS

Dear Colleagues,

The first “NUclear physics School for Young Scientists (NUSYS-2019)” will be held and hosted by the Institute of Modern Physics, CAS at Lanzhou from Aug. 12 to Aug. 17, 2019, with arrival and check-in on Aug. 11. The goal of this school is to motivate the young PhD students and post-doctoral researchers by introducing them to the various facets of the Nuclear Physics and its applications to the nuclear science and technology, as well as the future prospects of the forthcoming nuclear facilities in east Asia.

Experts are invited to convey a view of the rich variety of present on-going activities in the field of experimental and theoretical nuclear physics and to exploit the opportunities created by the on-going or the next-generation nuclear physics facilities in particular in Asia, such as HIAF (High Intensity heavy ion Accelerator Facility), JUNA (Jinping Underground lab for Nuclear Astrophysics) and BISOL (Beijing ISOL) which are being built or planned in China, RAON(Rare Isotope Science Project) in South Korea and RIBF(RI Beam Factory) in Japan. Each student is required to contribute to the school by presenting a poster related to her/his work. The ten best posters will be selected for the oral presentation session at the school. A more detailed program with timing will follow in due course and be posted on the school website (<https://indico.ihep.ac.cn/event/9962/>).

The school is jointly organized by the Institute of Modern Physics (IMP), Lanzhou University (LZU), China Institute of Atomic Energy (CIAE), Beihang University (BUAA), Peking University (PKU), Tsinghua University (Tsinghua), and Fudan University (Fudan). The total number of participants for PhD students and postdoctoral researchers will be limited to 60.

LECTURERS AND TOPICS

- Nuclear structure:
Theory: Hiroshi Toki (RCNP),
Experiment: Andrei Andreyev (York U)
- Nuclear reaction:
Theory: Masaaki Kimura (Hokkaido U),
Experiment: Grigory Rogachev (TAMU)
- Nuclear Astrophysics:
Theory: Maria Lugaro (HAS)
Experiment: Hidetoshi Yamaguchi (U. Tokyo)
- Beam optics: Daniel Bazin (MSU)
- Frontiers of Nuclear Physics: Hiroyoshi Sakurai (RIKEN)
Nuclear cluster: Yanlin Ye (PKU)
High energy nuclear physics: Yugang Ma (Fudan U/SINAP)
Hypernuclear physics: Takehiko Saito (RIKEN)
Active Target Experiment: Danier Bazin (MSU)
- Future Facilities in Asia: Xiaohong Zhou (IMP), Weiping Liu (CIAE), Sunchan Jeong (RISP)

REGISTRATION:

The application will open on April 23, 2019, and close on June 3, 2019. The application form (to be completed by the student) can be found at the school website. A poster abstract and a paragraph statement of self-introduction and explanation of what the applicant hopes to achieve by attending NUSYS 2019 are required to be filled online. A recommendation letter needs to be sent directly to the school email to support the application.

The total number of student participants will be limited to 60. Participants will be selected by the organizer committees. Our target participants are mainly PhD students and young post-doctoral researchers. Once the selection of participants has been done, the confirmation letter/email of acceptance will be sent to each selected participant through the email. Accommodation and daily allowance for the attendees will be covered by the school.

For some of you it might be necessary to obtain an entry visa to China. Please start with this procedure as soon as you have received the confirmation of your acceptance. Invitation letters can be obtained from the school email nusys@impcas.ac.cn.

We look forward to meeting you in Lanzhou!

Organizing committee

Deqing Fang (FDU)

Bing Guo (CIAE)

Zhong Liu (IMP)

Yifei Niu (LZU)

Baohua Sun (BUAA)

Xiaodong Tang (IMP)

Zhigang Xiao (THU)

Xiaofei Yang (PKU)

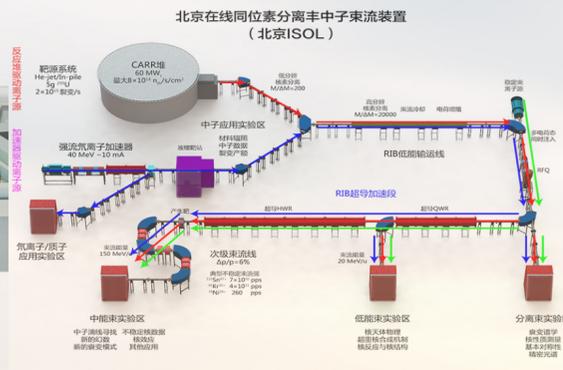
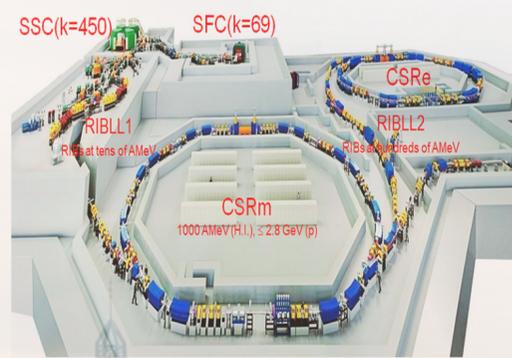
第一届核物理青年科学家学校

The 1ST NUclear physics School for Young Scientists (NUSYS)

Aug.12nd - Aug.17th 2019

Lanzhou · China

<https://indico.ihep.ac.cn/event/9962>



* The School Master *

Y.L. Ye (PKU)

* The Organizing Committee *

D.Q. Fang (FDU)

B. Guo (CIAE)

Z. Liu (IMP)

Y.F. Niu (LZU)

B.H. Sun (BUAA)

X.D. Tang (IMP)

Z.G. Xiao (THU)

X.F. Yang (PKU)



Core Courses

Nuclear Structure Theory
Experiment

H. Toki, RCNP
A.N. Andreyev, York U

Nuclear Reaction Theory
Experiment

M. Kimura, Hokkaido U
G.V. Rogachev, TAMU

Nuclear Astrophysics Theory
Experiment

M. Lugaro, HAS
H. Yamaguchi, U. Tokyo

Beam Optics

D. Bazin, MSU

Frontier Lectures

The Frontiers of Nuclear Physics
Nuclear Cluster
High Energy Nuclear Physics
Hypernuclear Physics
Active Target Experiment

H. Sakurai, RIKEN
Y.L. Ye, PKU
Y.G. Ma, FDU / SINAP
T. Saito, RIKEN
D. Bazin, MSU

Future Facilities In Asia

X.H. Zhou, IMP
W.P. Liu, CIAE
S.C. Jeong, RISP

