

1st nuclear resonant scattering workshop in China (第一届核共振散射国际研讨会)

January 19 - 21, 2017

Institute of High Energy Physics, Chinese Academy of Sciences, Beijing, China



Topics

- Important scientific problems that can be addressed by NRS techniques in various fields like geophysics, biochemistry, and materials science.
- Beamlines and instrumentation development for NRS: current status and future development at low emittance storage ring (ESRF-U, APS-U, SPring8-U, PETRA-IV)
- Advice to NRS beamline team at HEPS in terms of beam requirements and sample environments.
- Recent research results of prominent Chinese groups on high pressure science, superconductors, magnetism, biochemistry and catalyst that is using or will use the nuclear resonant scattering techniques (forward scattering and inelastic scattering).

Invited speakers

Ralf Röhlsberger
Yoshitaka Yoda
Hans-Christian Wille
Rudolf Ruffer
Esen Ercan Alp
Ho-kwang Mao
Jiyong Zhao
Robert W. Scheidt
Michael Hu
Jianbo Wang/Desheng Xue
Zhaohua Cheng
Yuan-Hua Lin
Hua Pang/Zhiwei Li
Jianfeng Li
Junhu Wang
Changqing Jin

Affiliation

Deutsches Elektronen-Synchrotron DESY
SPring-8
PETRAIII
ESRF
APS, Argonne National Laboratory
Carnegie Institution of Washington
APS, Argonne National Laboratory
University of Notre Dame
APS, Argonne National Laboratory
Lanzhou University
IOP-CAS
Tsinghua University
Lanzhou University
UCAS
DICP-CAS
IOP-CAS

Local Organizing Committee

Wei Xu
Jianfeng Li
Meijuan Yu
Wei He
Haijiao Han
Zhen Hong
Qianshun Diao
Zhiying Guo
Dongliang Chen

Scientific Steering Committee

Prof. Stephen Cramer
University of California, Davis | UC Davis
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University of Saskatchewan
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International Organizing Committee

Dr. Xu Wei, Institute of High Energy Physics, Chinese Academy of Sciences
Prof. Dr. Li Jian-feng, University of Chinese Academy of Sciences
Dr. Zhao Jiyong, Argonne National Laboratory
Dr. Alp Ercan, Argonne National Laboratory
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