

First Announcement

UCANS-VI

6th International Meeting of Union for Compact Accelerator-Driven Neutron Sources

Location: *Xi'an Jiaotong University, Xi'an, China*

Time: *25-28 October 2016*

Advances in science and technology in the field of neutron science have been dominated by a fruitful combination of major international facilities supported by networks of smaller regional facilities. Recent advances in accelerator technology and neutronic design have made it possible to construct small-scale accelerator-driven neutron facilities that would be able to play a significant role in neutron technology and science. The neutron applications using compact accelerator driven neutron sources are now becoming more and more important since it can cover various fields such as material science, engineering, nuclear physics, cancer therapy, soft error and so on, therefore, they would play more significant role in the future.

To promote such activities, the Union for Compact Accelerator-driven Neutron Sources (UCANS) was established in 2010. Following fruitful meetings held in Beijing (China) 2011, Bloomington (U.S.A) 2012, Bilbao (Spain) 2013, Sapporo (Japan) 2014 and Legnaro (Italy) 2015, the 6th International Meeting of Union for Compact Accelerator-Driven Neutron Sources (**UCANS-VI**) will be held at **Xi'an Jiaotong University in Xi'an, China from October 25-28, 2016.**

The formal language of the meeting is English.

The UCANS-VI web site is <http://ucans-vi.xjtu.edu.cn/>.

Program

Topics

- A. Accelerators and beam optics;
- B. Target radiation damage and heat removal;
- C. Moderator neutronics;
- D. Optical devices;
- E. Neutron detection;
- F. Innovative instrumentation;
- G. Material characterization;
- H. Other neutron applications based on CANS;
- I. Nuclear astrophysics;



- J. Nuclear data measurements and evaluation;
- K. Medical applications;
- L. Computer simulations of CANS and instrument performance and data-analysis software.

Preliminary Scientific Program

Time interval	Tuesday Oct. 25	Wednesday Oct. 26	Thursday Oct. 27	Friday Oct. 28
08:30- 10:30		Sessions	Sessions	Sessions
10:30- 11:00		Coffee Break		
11:00- 12:30		Sessions	Sessions	Sessions
12:30- 14:00		Lunch		
14:00- 16:00	Registration	Sessions	Sessions	Sessions
16:00- 16:30		Coffee Break		
16:30- 18:00		Sessions	Sessions	Sessions
18:30- 21:00	Reception		Banquet	

Committees

International Program Committee

- Carla Andreani, University of Rome Tor Vergata, Italy
- David Baxter, Indiana University, USA
- John Carpenter, Argonne National Laboratory, USA
- Michihiro Furusaka, Hokkaido University, Japan
- Giuseppe Gorini, Milano Bicocca University, Italy
- Jose Rolando Granada, CNEA, Argentina
- Zhiyu Guo, Peking University, China
- Katsuya Hirota, Nagoya University, Japan
- Huasi Hu, Xi'an Jiaotong University, China
- Alexander Ioffe, ForschungszentrumJülich, Germany
- Kye Ryung Kim, KAERI, Korea
- Yoshiaki Kiyonagi, Nagoya University, Japan

Chun Loong, CNAST, U. Roma Tor Vergata, Italy
Liang Lu, Institute of Modern Physics CAS, China
Yoshie Otake, RIKEN, Japan
Gianfranco Prete, INFN Legnaro, Italy
Hirohiko Shimizu, Nagoya University, Japan
Valery Shvetsov, FLNP, Russia
Paul Sokol, LENS Indiana University, USA
Fernando Sordo, ESS-Bilbao, Spain
Sheng Wang, Xi'an Jiaotong University, China
Xuewu Wang, Tsinghua University, China
Yutaka Yamagata, RIKEN, Japan

Local Organizing Committee

Liangzhi Cao, Xi'an Jiaotong University, China
Haijun Hu, Xi'an Jiaotong University, China
Chaohui He, Xi'an Jiaotong University, China
Shuhuan Liu, Xi'an Jiaotong University, China
Zhaohui Song, Northwest Institute of Nuclear Technology, China
Wenxi Tian, Xi'an Jiaotong University, China
Sheng Wang, Xi'an Jiaotong University, China (Chair)
Qingmin Zhang, Xi'an Jiaotong University, China

Important Information

Venue: International Conference Hall, Academic Exchange Center of Xi'an Jiaotong University (Nan Yang Hotel), Xi'an, China

Important Dates:

Abstract submission opening day: 1 July 2016
Early-bird registration opening day: 16 July 2016
Abstract submission deadline: 28 August 2016
Early-bird registration deadline: 15 September 2016

Contact Us

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