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The 2nd China-Japan Academic Symposium on Nuclear Fuel Cycle

() / 2013-10-10

November 27-30, 2013

Shanghai Jiao Tong University, Shanghai, China

Conference Scope

As a high-density energy with almost no discharge of green house gas, nuclear energy plays an important role in long-term energy security and global warming prevention. However, to realize a sustainable development of nuclear energy for the future, it is necessary to save uranium resource and minimize radioactive waste. Advanced nuclear fuel cycle can achieve such goals, thus greatly contribute to the peaceful use of nuclear power for mankind. To provide a platform for the scientists mainly from China and Japan to discuss their academic achievements and exchange scientific information related to nuclear fuel cycle, we organized the 1st China-Japan Academic Symposium on Nuclear Fuel Cycle (ASNFC 2011) in Shanghai in 2011. Following the ASNFC 2011, the 2nd Symposium ASNFC 2013 will be held in Shanghai, China, from 27 to 30 November, 2013.

Main Topics

- Basic chemistry of actinides and fission products
- Nuclear and radiochemistry related to nuclear fuel cycle
- Advanced reprocessing and separation technologies (hydro and pyro processes)
- Separation chemistry of 4f/5f elements
- Innovative separation science (Nano-materials, Ionic liquids, etc.)
- Transmutation, isotope production, element resource utilization
- Other relevant subjects

Organization

School of Nuclear Science and Engineering, Shanghai Jiao Tong University
Research Laboratory for Nuclear Reactors, Tokyo Institute of Technology

Co-organization

National Natural Science Foundation of China

The Japan Society for the Promotion of Science - Beijing Office

Sponsors

Chinese Nuclear Society
China Nuclear Energy Association
Chinese Chemical Society
Shanghai Institute of Applied Physics, CAS
Atomic Energy Society of Japan
Japan Atomic Industrial Forum
Japan Science and Technology Agency - China Research Center
Japan-China Science and Technology Exchange Association
Embassy of Japan in China

Organization Committee

Honorary Chair:

Zhifang Chai (Academician, Chinese Academy of Sciences; Institute of High Energy Physics, CAS)
Toshio Wakabayashi (Professor Emeritus, Tohoku University)

Chair:

Yuezhou Wei (Shanghai Jiao Tong University)
Masaki Ozawa (Tokyo Institute of Technology)

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Jing Chen (Tsinghua University)
Yasuhisa Ikeda (Tokyo Institute of Technology)
Shoujian Li (Sichuan University)
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Kenji Takeshita (Tokyo Institute of Technology)
Wangsuo Wu (Lanzhou University)
Milin Zhang (Harbin Engineering University)

Advisory Committee:

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Keizo Ishii (Tohoku University)
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Atsuko Tsuchihashi (Tokyo Institute of Technology)
Mieko Takagi (Tohoku University)

Key Deadlines

Submission of abstract: October 31, 2013
Pre-registration: October 31, 2013
Conference: November 27-30, 2013

PM, 27 November (Wed), Registration, Reception

28(Thu)-29 (Fri) November, Academic Presentations, Conference Banquet

AM, 30 November (Sat), Technical Tour to Shanghai Synchrotron Radiation Facility

Accommodation and transport

The ASNFC 2013 SecretaryOffice could do room reservation at some hotels nearby the Minhang Campus of Shanghai Jiao Tong University with room charge around 300-450 RMB per night. If you would like us to book the hotel for you, please download the [registration form](#) attached to to “wangxinpeng@sjtu.edu.cn” (cc: wu_yan@sjtu.edu.cn) by October 31, 2013.

The transport information can be found in the [guidebook](#) of the symposium which is attached.

Abstract preparation and submittal

Please prepare your abstract (one full A4-page or two A4-pages) using MS-Word format (.doc) and submit your abstract to “wangxinpeng@sjtu.edu.cn” (cc: wu_yan@sjtu.edu.cn) by October 15, 2013.

A [template of abstract](#) is attached. A CD containing address book will be distributed to all participants.

Registration

Please send e-mail to “wu_yan@sjtu.edu.cn” , informing your name, affiliation and e-mail address by 31 October, 2013. The registration fee will be paid while arrival at the conference.

Registration fee: 2,000RMB (500RMB for student)

For mor information about the symposium, you can download [the full announcement](#) at the end.

Conference Contact Information

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[Abstract template](#)

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[Guidebook of ASNFC2013](#)

[Announcement of ASNFC2013](#)