

Second Announcement

**The 4th Japan-China Academic Symposium on Nuclear Fuel Cycle
(ASNFC 2017)**

Date

July 17 - 21, 2017

Venue

Yifu Science Hall (Base Campus), Lanzhou University, Lanzhou, China

Conference Scope

As a high-density energy with almost no discharge of greenhouse 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, 2nd, and 3rd China-Japan Academic Symposium on Nuclear Fuel Cycle (ASNFC 2011, ASNFC 2013, ASNFC 2015) in Shanghai (2011 and 2013) and Tokyo (2015) respectively. Following the previous symposiums of this series, the 4th symposium ASNFC 2017 will be held from 17 to 21 July, 2017 in Lanzhou, China.

Main Topics

1. Basic chemistry of actinides and fission products
2. Nuclear and radiochemistry related to nuclear fuel cycle
3. Advanced reprocessing and separation technologies (hydro- and pyro-processes)
4. Separation chemistry of 4f/5f elements
5. Innovative separation science (nano-materials, ionic liquids, *etc.*)
6. Separation and transmutation, isotope production, element resource utilization
7. Decommissioning of nuclear facilities, waste treatment
8. Other relevant subjects

Organizers

Organizing Committee of ASNFC 2017

Research Laboratory for Nuclear Reactors (RLNR), Tokyo Institute of Technology (Tokyo Tech)
School of Nuclear Science and Engineering, Shanghai Jiao Tong University (SJTU)
School of Nuclear Science and Technology, Lanzhou University (LZU)

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Beijing Contact center, Japan Society for the Promotion of Science (JSPS)

National Natural Science Foundation of China (NNSFC)

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Co-sponsorship

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China Nuclear Energy Association
Chinese Chemical Society
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Institute of Modern Physics, Chinese Academy of Sciences
Chinese Nuclear Society
Japan Atomic Industrial Forum
China Research Center, Japan Society for the Promotion of Science
Japan-China Science and Technology Exchange Association
The Japan Society of Nuclear and Radiochemical Sciences

Key Deadlines

Submission of abstract:	25 April, 2017
Deadline registration:	31 May, 2017
ASNFC 2017 Conference:	17-21 July, 2017

Registration

Please send e-mail to “ASNFC2017@lzu.edu.cn”, informing your name, affiliation and e-mail address by **31 May, 2017**. The registration fee will be paid while arrival at the conference.

Registration fee: 2,000 (RMB) for normal
1,000 (RMB) for students

Technical tour fee: 3,000 (RMB) for attendant

VERY IMPORTANT: Please send the scan file of your passport first page as well if the technical tour is intended, we will book the train ticket in advance.

Program

Arrival to Lanzhou and register on site (16 July, 2017)

ASNFC 2017 Conference in Lanzhou University (17-18 July, 2017)

Committee members meeting and technical tour at Dunhuang for geological analogue survey of radioactive waste disposal (19-20 July, 2017)

Leaving (21 July, 2017)

Final detailed program will be send to registration email of authors (June 2017).

Accommodation

Accommodation will be arranged at the **Lanzhou Legend Hotel**. The rate for room are: 500 RMB for single room, 450 RMB for twin room.

(Organizing Committee can help to book rooms if you asked in email)

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