

# Call for Paper

## 5<sup>th</sup> EAFORM

### East Asia Forum on Radwaste Management

October 25-28, 2015

Taichung Windsor Hotel, Taichung city, Taiwan

Organized by Chung Hwa Nuclear Society

#### Background of EAFORM

Solutions for safe, secure, and sustainable management of nuclear spent fuels and radioactive wastes are critical to the viability and continuing growth of nuclear power and other peaceful nuclear application. Advanced and associated nuclear energy programs in the East Asian area face such challenges. Although each of these programs has developed its own technology base, implementation strategy and infrastructure, the urgent needs for further technology enhancement on radioactive waste management and implementation of radioactive waste disposal are common to all. International collaboration will definitely benefit all participants by sharing of knowledge and expertise, as well as on other intangible benefits such as public comprehension on safety issues and support of the establishment of repositories. Recognizing these facts, several research organizations in the East Asian area agreed to hold the East Asia Forum on Radwaste Management (EAFORM) to enhance future cooperation. EAFORM is principally opened to all the research organizations and others related to radioactive waste management around the world. The purpose of EAFORM is to promote information exchange, to share knowledge and to encourage international collaboration in a bilateral or multilateral mode.

To strengthen the above EAFORM objectives, the “EAFORM Management Committee” was organized to coordinate the interactions and communications among the institute. EAFORMs have been held biannually since 2006. The 1<sup>st</sup> EAFORM was held in Taipei (2006), then in Tokyo (2<sup>nd</sup>, 2008), Gyeongju (3<sup>rd</sup>, 2010), and Beijing (4<sup>th</sup>, 2013).

**The 5<sup>th</sup> EAFORM will be held in Taichung, Taiwan on October 25-28, 2015.** We are delighted for your participation and we hope you experience an enjoyable conference.

#### Date & Conference Venue

The Conference will be held on **October 25-28, 2015** at **Taichung Windsor Hotel, Taichung city, Taiwan**. Taichung city is situated at the central part of Taiwan. It has an area of 2,215 square kilometers and a population of around 2.7 million. It has comfortable climate and pleasant environment, with an average temperature of 25°C in October. Taichung is endowed with a rich history and beautiful natural scenery. It also offers well-priced culinary delights, assorted shopping areas and arts performances, making it well worth a visit.

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After landing in TPE international airport, Taiwan High Speed Rail (THSR) could be used to go from Taoyuan station to Taichung Station (<http://www5.thsrc.com.tw/en/>). The Taichung Windsor Hotel website (<http://www.windsortaiwan.com>) offers different ways to reach the hotel. Public transport in Taichung is convenient and comprehensive (<http://www.taichung.gov.tw>). For the further information of accessing Taichung city and the venue, please visit the 5<sup>th</sup> EAFORM website (<http://chns.org/EAFORM2015/>)

## Program summary (Preliminary)

### Conference Program

Day 1: October 25 (Sun.)

16:00-20:00 Registration

Day 2: October 26 (Mon.)

08:00-17:00 Registration

09:00-12:00 Opening and plenary session

12:00-13:30 Lunch

13:30-17:00 Technical session

18:00-20:00 Banquet

Day 3: October 27 (Tue.)

08:30-12:00 Registration

09:00-12:00 Technical session

12:00-13:30 Lunch

13:30-15:30 Technical session

15:30-16:00 Closing

16:30-17:30 Committee management meeting for next EAFORM



921 Earthquake Museum of Taiwan



Pumped-Storage Hydroelectricity

### Technical Tours

Day 4: October 28 (Wed.)

09:00-17:00 921 Earthquake Museum of Taiwan, Pumped-Storage Hydroelectricity and Sun-Moon Lake.

### Registration fee

- (1) The fee for each participant is NT \$12,000.
- (2) The technical tour fee for each attendee is NT \$1,500 (including transportation, lunch and dinner). Need to be booked via registration document in advance. On the reception desk will not be accepted.
- (3) Accompanied spouse needs to pay the banquet fee (NT \$1,000) and technical tour fee (NT \$1,500) for attending the event.
- (4) The fee is paid by cash (only New Taiwan Dollar is accepted) on the reception, or transition to account in advanced.

## Topics

Technical Paper Abstracts are invited in the following topic areas:

### 1. Radioactive Waste Management Policies, Regulations, and Programs

- 1.1 Radioactive waste management policies, regulations and programs re-encouraged.
- 1.2 Regional or international cooperation activity.
- 1.3 Social and ethical aspects of radioactive wastes management.
- 1.4 Activities and programs on education and training.

### 2. Radioactive Wastes Treatment

- 2.1 Waste volume reduction and characterization.
- 2.2 Waste treatment, packaging and storage.

### 3. LLW/ILW Disposal

- 3.1 Disposal Facility Design, Licensing and Construction.
- 3.2 Waste transportation. Safety and operation experience of disposal facility.
- 3.3 Site investigation and evaluation.

### 4. Spent Nuclear Fuel (SNF) Storage

- 4.1 Current status for SNF storage.
- 4.2 SNF storage facility design, licensing and construction.
- 4.3 SNF storage facility operation, maintenance and monitoring.
- 4.4 Long-term/extended storage of SNF.

### 5. SNF/HLW Disposal

- 5.1 Potential host rocks/sites investigation and evaluation.
- 5.2 Underground research laboratory (URL) development.
- 5.3 SNF/HLW encapsulation, packaging and transportation.
- 5.4 Repository design and performance/safety assessments.

### 6. Decontamination & Decommissioning (D&D)

- 6.1 Planning and waste minimization.
- 6.2 Decontamination technology.
- 6.3 Dismantle technology.
- 6.4 Site clean-up and environmental remediation



## Abstract Submission

All prospective authors are invited to submit a 300-words abstract by April 15, 2015 to Mr. Hsien-Ming Hsiao ([EAFORM2015@iner.gov.tw](mailto:EAFORM2015@iner.gov.tw)). On-line abstract submission will be available via the link at <http://chns.org/EAFORM2015/>. All Abstracts must be submitted electronically in the Microsoft Word or Adobe PDF formats. Full papers should be limited in 4-6 pages.

## Online Registration Deadline

Registration would be available from the announcement of call for paper to September 15, 2015. For technical tour, only limited visitors are available.

## Advanced Program

The Advanced Program will be released at the website in the middle of May. Information includes all Paper Titles and Authors as well as the general layout of the Conference.

## Final Program

The Final Programs for 5<sup>th</sup> EAFORM will be released at the website in early October.

## Letter of Invitation/Visa Requests

A letter of invitation with the conference dates and location will be signed by the Conference Secretary and sent to your attention in PDF format by August 1<sup>st</sup>, 2015 to ensure ample time to secure a Visa for entry into Taiwan. Authors who submit their abstracts will also get a letter of acceptance by April 30, 2015.

## Conference Proceedings

The Conference Proceedings will be collected on USB device and will be handed at the registration desk. All Proceedings will be in English.

## Key Dates

Abstracts Due.....	May 15, 2015
Author Notifications.....	April 30, 2015
Full Papers Due.....	July 30, 2015
Online Pre-registration Deadline.....	September 15, 2015
Presentation Material Due.....	October 15, 2015

## Organizations of the 5<sup>th</sup> EAFORM in Taichung, 2015

Host: Institute of Nuclear Energy Research

Organizer: Chung Hwa Nuclear Society

Steering Committee: EAFORM Management Committee<sup>(\*)</sup>

(\*) Currently, "EAFORM Management Committee" consists of following members [listed in alphabetical order]

- Atomic Energy Society of Japan (AESJ)
- China Institute of Atomic Energy (CIAE)
- Chung Hwa Nuclear Society (CHNS)
- Korea Radioactive Waste Agency (KORAD)

And supporting member

- Sandia National Laboratory (SNL)

## Contact for further information

Conference Mail: [EAFORM2015@iner.gov.tw](mailto:EAFORM2015@iner.gov.tw)

Conference Website: <http://chns.org/EAFORM2015/>

Dr. Tsong-Yang Wei (Organizing Secretary): [tywei@iner.gov.tw](mailto:tywei@iner.gov.tw)

Mr. Hsien-Ming Hsiao (Organizing Executive Secretary): [hmhsiao@iner.gov.tw](mailto:hmhsiao@iner.gov.tw)

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