

Announcement and Call for Papers

EAFORM2017 (6th EAFORM CONFERENCE) East Asia Forum on Radwaste Management Conference

November 27-29, 2017
Hotel Granvia Osaka
3-1-1 Umeda, Kita-ku, Osaka, 530-0001, Japan

Background and objectives of EAFORM and Conference

Safe, secure, and sustainable solutions to the management of spent nuclear fuels and radioactive wastes are critical to the viability and continuing peaceful use of nuclear power and other advanced nuclear applications. With no exception, current nuclear energy programs in the East Asian area are all faced with such challenges. Although each of these programs has developed its own technology base, implementation strategy, and infrastructure, the urgent need for further technology enhancement on radioactive waste management and implementation of radioactive waste disposal are becoming more essential to all. This is especially true after the accident at the Fukushima Daiichi Nuclear Power Plant. Enhancing international collaboration will benefit participants through the sharing of knowledge and expertise, as well as other intangible benefits such as public comprehension of safety issues and support for repository establishment.

Recognizing these facts, several East Asian research organizations agreed to hold the East Asia Forum on Radwaste Management (EAFORM) to enhance future cooperation. EAFORM is principally opened to all research organizations and others related to radioactive waste management. The purpose of EAFORM is to promote information exchange, to share knowledge, and to encourage international collaboration in a bilateral or multilateral mode.

Under this configuration, the “EAFORM Management Committee” was organized to develop activities aimed at strengthening the above purpose. The 1st EAFORM conference was held in Taiwan in 2006. The 6th EAFORM conference will be held in Osaka from November 27 to 29, 2017. Conference participants are encouraged to focus their submissions on the technical topics of this conference.

General Information of EAFORM2017

■ Hosted by

Atomic Energy Society of Japan

■ Organized by

EAFORM Management Committee (*)

Division of Nuclear Fuel Cycle and Environment, Atomic Energy Society of Japan

* Currently, “EAFORM Management Committee” consists of following members (listed in alphabetical order)

- Atomic Energy Society of Japan (Division of Nuclear Fuel Cycle and Environment, NUCE/AESJ)
- China Institute of Atomic Energy (CIAE)
- Chung Hwa Nuclear Society (CHNS)
- Institute of Nuclear Energy Research (INER)
- Korea Radioactive Waste Agency (KORAD)
- Sandia National Laboratory (SNL) [Technical supporting member]

■ **Language**

English

■ **Date**

November 27-28, 2017 for the conference

November 29, 2017 for the technical tour

* On-site “Registration desk” will be opened from 16:00 to 20:00 on Sunday November 26, 2017.

■ **Conference Venue**

Hotel Granvia Osaka

3-1-1 Umeda, Kita-ku, Osaka, 530-0001, Japan

<http://www.hotelgranviaosaka.jp/>

<http://www.osaka-info.jp/en/>

■ **Technical Tour (provisional plan)**

One-day tour on November 29, 2017, with visits to:

- 1) HOKUDAN EARTHQUAKE MEMORIAL PARK (<http://www.nojima-danso.co.jp/>), and
- 2) The Great Hanshin-Awaji Earthquake memorial museum (<http://www.dri.ne.jp/en>)

■ **Registration fee (expected fee)**

They are tentatively expected (*) as follows:

- ¥60,000 for the conference
- ¥10,000 for the technical tour

* They will be finalized by the registration announcement.

■ **Accommodation**

“Hotel Granvia Osaka” will provide accommodations at the following rates for EAFORM2017 participants:

- Single room (single use only): ¥17,000~¥21,000 per night (tentatively)
- Twin room: ¥14,000~¥20,000 per person per night for two people (tentatively)

Notification: Due to the limited number of assigned hotel rooms available, if you would prefer staying at Hotel Granvia Osaka, we do advise you to inform the conference secretary (art.eaform2017@aesj.or.jp) of your preference for accommodation by June 30, 2017.

■ **VISA application**

The secretary of EAFORM2017 will support participants for their VISA application to visit Japan, if required. Details will be informed of by the registration announcement.

■ **Remarks**

The program of the EAFORM2017, detailed of Technical tour (visiting place, itinerary), Registration fee and Accommodation fee will be finalized and announced by the registration announcement.

Acceptance Criteria for abstracts and full-length papers

Papers are expected to contain descriptions of work that is new, significant, and relevant to the conference scope. Both abstracts and full-length papers must comply with the following guidelines:

■ Electronic Submissions

Both abstracts and full-length papers shall be submitted electronically in MS word or Adobe PDF formats (a maximum file size of 5MB) by e-mail to;

(art.eaform2017@aesj.or.jp)

with individual information such as 1) Name, 2) Organization, 3) Address, 4) e-mail address and 5) Telephone number.

* Questions related to submissions are accepted through e-mail.

■ Instructions to Authors

Format of abstract and full-length paper

- 1) Abstracts shall not exceed 300 words. Full-length papers shall be no longer than 6 pages of A4 sized paper. It's recommended to use the attached "Format_Abstract.doc" and "Format_FullLengthPaper.doc".
- 2) Abstracts and full-length papers shall be arranged according to the following guidelines:
 - Topics ID; Topics ID for abstracts and/or full-length paper shall be indicated referring to "Technical topics" (see appendix "Technical topics" below).
 - Titles: The paper title shall be in Upper Case, centered in "Times", "bold" 12 points font type.
 - Authors; Author's name(s), belonging organization and "Key words" of contents shall be included in "Times" 10 points font type.
 - Contents; "Times" 10 points font type in the contents area.

Important Dates for Authors

- Announcement and Call for Papers; April 2017
- Registration announcement; July 2017
- Deadline for Abstract: June 30, 2017
- Notification to Authors: July 28, 2017
- Deadline for Full-length Papers: September 29, 2017
- Deadline for Presentation Material: October 31, 2017

Remarks for authors

- Instructions of Materials for oral presentation will be informed to the authors by the "Notification to Authors (July 28, 2017)".
- Authors (speakers) and general participants must all register for the conference.

Disclaimer

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Appendix; Technical topics

Technical Paper / Abstracts are invited in the following topics.

ID	Subject
1. Radioactive Waste Management Policies, Regulations, and Programs	
11	Radioactive waste management policies, regulations, and programs.
12	Regional or international cooperation activity.
13	Social and ethical aspects of radioactive wastes management.
14	Activities and programs on education and training.
2. Radioactive Wastes Treatment	
21	Waste volume reduction and characterization.
22	Waste treatment, packaging, and storage.
3. LLW/ILW Disposal	
31	Disposal Facility Design, Licensing, and Construction.
32	Waste transportation. Safety and operational experiences of the disposal facility.
33	Site investigation and evaluation.
4. Spent Nuclear Fuel (SNF) Storage	
41	Current status for SNF storage.
42	SNF storage facility design, licensing, and construction.
43	SNF storage facility operation, maintenance, and monitoring.
44	Long-term/extended storage of SNF.
5. SNF/HLW Disposal	
51	Potential host rocks/sites investigation and evaluation.
52	Underground research laboratory (URL) development.
53	SNF/HLW encapsulation, packaging, and transportation.
54	Repository design and performance/safety assessments.
6. Decontamination & Decommissioning (D&D)	
61	Planning and waste minimization.
62	Decontamination technology.
63	Dismantle technology.
64	Site clean-up and environmental remediation.