

International Symposium on Earth quake, Tsunami and Nuclear Risks after the Accident of TEPCO's Fukushima Daiichi Nuclear Power Stations

**KUR Research Program for
Scientific Basis of Nuclear Safety
Kyoto University**

Date : October 30, 2014

**Place : The Shiran hall,
Kyoto University,
Kyoto, Japan**

Hirotake Moriyama

General,
Kyoto University Research
Reactor Institute,



I would like to express my heartfelt sympathy to the people who suffered the Tohoku Earthquake and are affected by the subsequent accident of Fukushima Daiichi Nuclear Power Stations.

The Kyoto University Research Reactor Institute (KURRI), taking these situations seriously, started a new project entitled 'KUR Research Program for Scientific Basis of Nuclear Safety.' This project will promote our research to enhance the scientific contribution to the improvement of nuclear safety. We have a strong incentive to contribute to the restoration of the impacted area as well as to the reinforcement of nuclear safety. In the frame of this project, we will hold international symposiums each year. It is a great pleasure to announce that the third symposium will be held on the 30th October, 2014, in Kyoto, the world famous historic city where our university is located.

I will greatly appreciate your joining this meeting through active contributions and participation, and we look forward to seeing you in Kyoto.

Katsuhiro Kamae

Kyoto University Research
Reactor Institute,
Professor



The safety evaluation to the natural disaster of nuclear power plants was strengthened after the accident of Fukushima Daiichi Nuclear Power Stations which occurred in March 2011.

Safe regulation is performed by the basis of the deterministic approach which aimed at absolute safety, such as requirement of dry site for tsunami and prohibition of installation of especially important facilities on the outcrop of the active fault. Since many uncertainties exist in natural phenomena, such as an earthquake and tsunami, a risk concept to the seismic motion and tsunami beyond design-basis is indispensable. We believe that the social decision making by the people based on an earthquake risk is important.

This symposium will deal with the uncertainties in the safety evaluation and PRA of the earthquake and tsunami, fault displacement hazard evaluation, risk in a nuclear system and risk communication, etc.

We hope many participants including not only a related researcher but also a citizen.

Information

Scientific Program and Publication

Program will consist of oral session and poster session. All oral presentations will be invited. For the poster session, we welcome contributed papers on the topics listed below.

We particularly encourage contributions from the younger generation, including students, who will be the future leaders in these fields. Submitted papers will be published as original papers following a peer review process.

List of Topics

1. PRA with external hazard
2. Fragility of Nuclear facilities and equipment
3. Active fault and seismic center
4. Seismic motion
5. Risk and Society

Working language

Japanese / English

(with simultaneous interpretation system)

Organizations

Host Organization

Kyoto University Research Reactor Institute
(KURRI)

Organizing Committee

Chair: General, Prof. Hirotake Moriyama
(KURRI)

Members: Dr. Katsumi Ebisawa (CRIPI)
and representatives of relevant domestic
organizations

International Advising Committee

Chair: Prof. Hajimu Yamana (KURRI)

Members: Representatives of some
international organizations

Program committee

Chair: Prof. Katsuhiko Kamae (KURRI)

Members: Domestic specialists of each fields

Conference Secretariat (Contact)

Prof. Hirotohi Uebayashi (KURRI)

Maki Nakatani (KURRI)

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Key Dates

Early June : Call for Papers (2nd circular)

End of August : Deadline of abstract submission

Mid October : End of participation registration

End of November : Deadline of full paper

Registration Fee

Free for paper submission and registration
6000Yen for Banquet