



International Symposium on

Environmental monitoring and dose
estimation of residents after accident of
TEPCO's Fukushima Daiichi Nuclear
Power Stations

KURRI Research Program for Scientific Basis of
Nuclear Safety

Kyoto University

Second Announcement



Invitation to the Symposium

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 NPP. The Kyoto University Research Reactor Institute (KURRI), taking these situations seriously, started a new project entitled ‘KURRI 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 first symposium will be held on 14 December 2012, 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 I look forward to seeing you in Kyoto.

Hirotake Moriyama

Director, Kyoto University Research Reactor Institute
Chair of the organizing committee



Outline of the Symposium

Purpose

This symposium will deal with the radiological influence to the public from the accident of Fukushima Daiichi NPP that occurred in March 2011. The purpose of this symposium is to bring together data on environmental radioactivity and radiation dose for residents, discuss and verify these data, and clarify the actual situation of environmental contamination and resultant radiation to residents.

We believe that the accurate estimation of radiation dose is quite essential for the healthy life and peace of mind of the residents, and we hope many researchers who are studying radiological effect of the accident will join us for these purposes.

The environmental monitoring data are essential for dose assessment for residents. However, at an early stage of the post-accident when blackout and other consequence of the disaster disabled ordinary radiation monitoring, there were scant data of radiation particularly in surrounding area of the NPP site. On the other hand, many researchers and organizations of Japan and even those of foreign countries tried to carry out radiation monitoring at their own activities. We value these individually collected monitoring data and other data or information because they are valuable for reinforcing the accurate estimation of radiation dose to the residents. We believe that these data should be widely gathered, reviewed, and published; and this is the purpose of the symposium.

Key invited lectures will be given on the technological aspect of the accident and on UNSCEAR's activity for the dose assessment. Your contribution and participation will be greatly welcomed and appreciated.



Call for Papers

Program and Publication

Program will consist of key lecture, oral presentation, and poster presentation. All of key lectures and oral presentations will be invited. For the poster presentation, we welcome contributed papers on the topics listed below. Especially, we welcome environmental monitoring data, measured individual data, or relevant information obtained in the early stage of the accident. These data and information will greatly contribute to the further integrated dose reconstruction. Even if you cannot participate in the symposium, we welcome your paper submission for the purpose of publishing your data.

Selected papers will be published as original papers as a book or a journal after the peer review process and the others will be published as proceedings of the international symposium. In this peer review process, we will focus on the accuracy and usability of the data, as well as the logic of the assessment, for establishing a reliable database for the further dose estimation of the accident.

List of Topics

Radiation survey in environment
Environmental Radioactivity
Transfer of radionuclides in environment
Ingestion and/or inhalation of radionuclides
Measurements of Individual dose
Internal and/or external dose assessment

Registration and Submission

Applicants are requested to submit about one-page abstract for registration. The submission of abstract is available on the following web site. Registration of participation can be done on the same page.

http://www.rri.kyoto-u.ac.jp/anzen_kiban/sympo

Kyoto University Research Reactor Institute



Date:

14 December 2012

Venue:

The Shiran Hall, Kyoto University
(Yoshida-Konoe-cho, Sakyo-ku, Kyoto, Japan)

Registration Fee :

Free for paper submission
3000 JPY for participation (lunch and coffee included)
6000 JPY for Banquet on 14 December

Important Dates:

1 August 2012: Start of participation registration and abstract submission
3 September 2012: Deadline of abstract submission
16 November 2012: Deadline of full paper submission
3 December 2012: End of participation registration

Contact

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Kyoto University Research Reactor Institute

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Host Organization

Kyoto University Research Reactor Institute (KURRI)

Sponsor

National Instruments Japan Corporation

Matsuura Denkosha Co.,Ltd.

Support organization

- Japan Radiation Research Society
- Atomic Energy Society of Japan
- Japan Health Physics Society

In addition, Japan Society of Nuclear and Radiochemical is expected to join.

Organizing Committee

Chair: Hirotake Moriyama (Director, KURRI)

Dr. Jiro Inaba (REA)

Dr. Kimiaki Saito (JAEA)

Dr. Kazuo Sakai (NIRS)

Prof. Hirofumi Tsukada (Fukushima Univ.)

Dr. Shigeo Uchida (NIRS)

Prof. Itsumasa Urabe (Fukuyama Univ.)

Prof. Hiromi Yamazawa (Nagoya Univ.)

Prof. Akio Koyama (KURRI)

Prof. Ken Nakajima (KURRI)

Prof. Sentaro Takahashi (KURRI)

Prof. Hajimu Yamana (KURRI)



International Advisor

Prof. Hajimu Yamana (KURRI)

Prof. Yoshiharu Yonekura (NIRS)

Prof. Williams Lee, (Department of Materials, Imperial College London)

Program Committee

Chair: Prof. Sentaro Takahashi (KURRI)

Prof. Nobuhiko Ban (Tokyo Healthcare Univ.)

Dr. Takatoshi Hattori (CRIEPI)

Prof. Noriyuki Momoshima (Kyushu Univ.)

Prof. Hirokuni Yamanishi (Kinki Univ.)

Dr. Nobuyuki Sugiura (NIRS)

Dr. Satoshi Yoshida (NIRS)

Prof. Koichi Takamiya (KURRI)

Prof. Minoru Tanigaki (KURRI)

Prof. Toshihiro Yamamoto (KURRI)

Conference Secretariat

Chair: Prof. Tomoyuki Takahashi (KURRI)

Prof. Satoshi Fukutani (KURRI)

Prof. Yuko Kinashi (KURRI)

Prof. Nobuhiro Sato (KURRI)

Ms. Maki Nakatani (KURRI)



Program (subject to minor-change)

10:00-10:15 Opening remarks

10:15-10:45 Key invited lecture (technological aspect of the accident)

10:45-11:15 Presentation

11:15-11:45 Presentation

11:45-13:30 Lunch and poster session

13:30-14:30 Key invited lecture (UNSCEAR's activity for the dose assessment)

14:30-15:30 Presentation

15:30-16:00 Coffee break and poster session

16:00-16:30 Presentation

16:30-17:00 Presentation

17:00-17:50 Panel discussion

17:50-18:00 Closing remarks

18:00-19:30 Reception

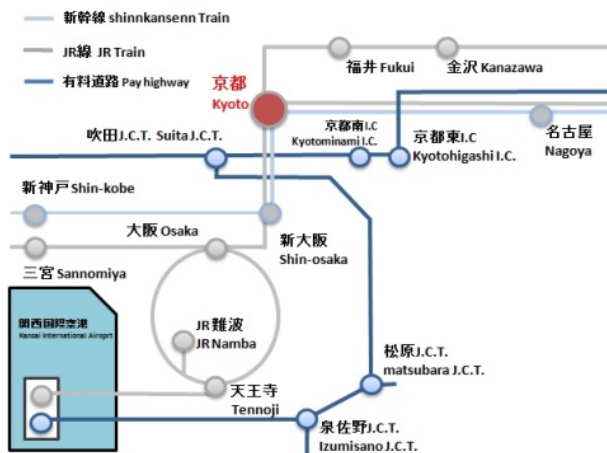
Kyoto University Research Reactor Institute



Access and Map to Shiran Hall

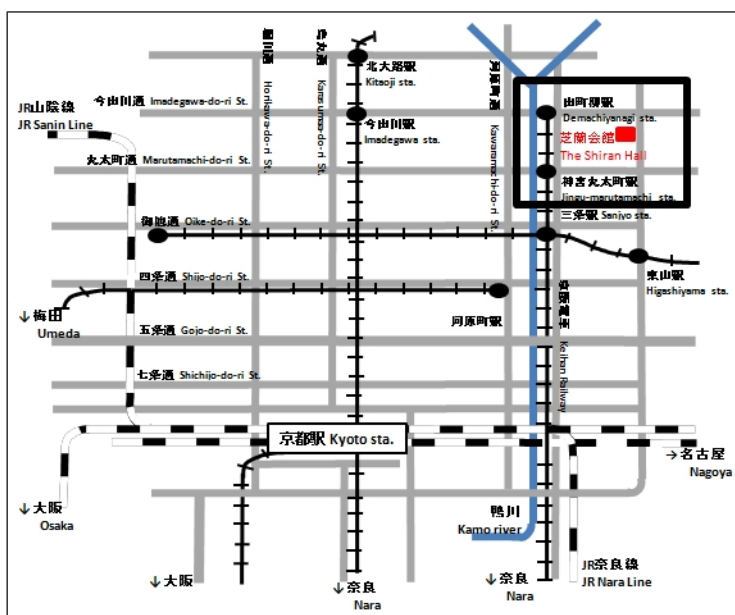
Address: Yoshida-Konoe-cho, Sakyo-ku, Kyoto, Japan

From Kansai International Airport to Kyoto Station



75min by Airport Express HARUKA (train)

85min by limousine bus



Exhibition booth

KURAMA –

A network-based radiometry system for the radiation map

As response to the nuclear accident at Fukushima, KURRI developed KURAMA (Kyoto University Radiation Mapping system) to supplement the system of radiation monitoring in Fukushima. With the continuous help and support by National Instruments Japan Inc., KURAMA-II, an improved version of KURAMA, was developed. KURAMA-II is intended for the use of continuous monitoring on public vehicles, such as local buses or delivery trucks, or the use of automated measurement without operator.

A large-scale measurement in the eastern area of Japan has been performed with 100 KURAMA-II by the Ministry of Education, Culture, Sports, Science & Technology in Japan.

KURAMA-II will be exhibited and demonstrated during the meeting.



KURAMA-II

KURAMA-II on a local bus

