

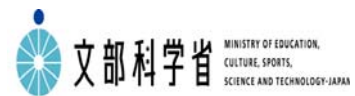
# Nuclear Safety Research Forum 2009



Nuclear Safety Commission



Ministry of Economy, Trade and Industry  
Nuclear and Industrial Safety Agency



Ministry of Education, Culture,  
Sports, Science and Technology

**February 24, 2009**

**Tokyo, Japan**

**“The Latest Knowledge and Nuclear Safety Research  
for Seismic Safety on Nuclear Facilities”**

**Announcement and Preliminary Program**

# **Nuclear Safety Research Forum 2009 (NSRF-2009)**

*“The Latest Knowledge and Nuclear Safety Research for Seismic Safety on Nuclear Facilities”*

February 24, 2009

Tokyo, Japan

## **Organized Jointly by**

**The Nuclear Safety Commission (NSC), the Nuclear and Industrial Safety Agency (NISA) of the Ministry of Economy, Trade and Industry, and the Ministry of Education, Culture, Sports, Science and Technology (MEXT).**

### **◆Background**

The primary role of nuclear safety research is to provide technical basis for regulators' decision making in their regulatory activities. Nuclear safety research is conducted at not only governmental research organizations and universities, but also private and industry's institutions. Therefore, communication between the regulators and the nuclear safety researchers is indispensable for achieving maximum outcomes from nuclear safety research in an efficient and timely manner, and thereby for further enhancing safety of nuclear facilities.

The Nuclear Safety Research Forum (NSRF) provides an opportunity for such communication and it is expected that, through discussions and information exchange among participants on topical issues of nuclear safety, future scope and needs of nuclear safety are identified for further enhancement of nuclear safety.

The NSRF 2009 is the third Forum of the series, jointly organized by such relevant regulatory bodies as the NSC, the NISA and the MEXT, and provides an opportunity for all relevant regulators and nuclear safety researchers to gather and communicate through discussions and information exchange. It provides all participants of a good opportunity for mutual learning to enhance nuclear safety.

### **◆Objectives**

Objectives of the NSRF 2009 are, through discussions and information exchange, to share relevant information globally among industrial and academic communities concerned and governmental authorities, focusing on lessons learned from the Niigataken Chuetsu-oki Earthquake and other earthquakes and the scientific and technical knowledge obtained from seismic safety. The Forum also clarifies the issues of importance in future safety research on seismic safety. The Forum intends to conclude the recommendations on the future needs of seismic safety research.

### **◆Target of the NSRF 2009 and Special Topics of this year**

This year, the Forum will focus on “The Latest Knowledge and Nuclear Safety Research for Seismic Safety on Nuclear Facilities” relevant to the followings.

- The latest knowledge obtained from the Niigataken Chuetsu-oki Earthquake and other earthquakes.
- Overview of international seismic safety research

- Clarification of future important issues of seismic safety research
  - Research on survey and evaluation of active faults
  - Research on determination of the earthquake ground motion used for seismic design

## **◆Participation and Registration**

### **Expected participants**

- Regulators from Regulatory organizations
- Researchers from Research institutions and Universities
- Professionals and Specialists from Utilities and Industries
- International organizations
- Regulators, researchers, specialists from foreign countries
- Public and stakeholders

### **Registration**

No cost is needed for registration.

All participants should register for the Forum by visiting the following web site:

**<http://www.nsra.or.jp/safe/NSC/nsrf2009/index-e.html>**

## **◆Forum Information**

Please visit following website, then you can find the map, program and the other related information.

**<http://www.nsra.or.jp/safe/NSC/nsrf2009/index-e.html>**

## **◆Date and Venue**

The NSRF-2009 will be held at **the INOUE ENRYO Hall** of Toyo University located at Bunkyo-ku Tokyo, **on 24<sup>th</sup> February, 2009.**

The INOUE ENRYO Hall is located at the Hakusan Campus of Toyo University, of which address is 5-28-20 Hakusan Bunkyo-ku Tokyo 112-8606 Japan. The web site of Toyo University is <http://www.toyo.ac.jp/english/campuses.html>.

## **◆Organizer of the Forum**

- The Nuclear Safety Commission (NSC)
- The Nuclear and Industrial Safety Agency (NISA) of the Ministry of Economy, Trade and Industry
- The Ministry of Education, Culture, Sports, Science and Technology (MEXT)

## **◆Working Language**

The working language of the Forum will be Japanese and English. Simultaneous translation between English and Japanese will be provided for the participants.

## **◆Proceedings**

All papers of presentations and related documents will be distributed at the Forum. Most materials will be translated into English.

◆**Program** As attached

◆**Forum Secretariat**

For any questions regarding the Forum, please contact the Forum Secretariat:

< NSC Secretariat (for contents of the Forum) >

<p>Mr. Takeo Onchi Technical Senior Staff Management and Coordination Division The Nuclear Safety Commission 3-1-1 Kasumigaseki, Chiyoda-ku, TOKYO 100-8970, Japan e-mail: takeo.onchi@cao.go.jp tel : +81-3-3581-9918 fax : +81-3-3581-9835</p>	<p>Mr. Hiroshi Nunota Deputy Director Management and Coordination Division The Nuclear Safety Commission 3-1-1 Kasumigaseki, Chiyoda-ku, TOKYO 100-8970, Japan e-mail: hiroshi.nunota@cao.go.jp tel : +81-3-3581-9918 fax : +81-3-3581-9835</p>
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< Nuclear Safety Research Association (for registration) >

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## Program

### NSRF-2009

**“The Latest Knowledge and Nuclear Safety Research for Seismic Safety on Nuclear Facilities”**

#### ■ **9:00 Opening and Welcome address**

Atsuyuki Suzuki (NSC Chair)

#### ■ **Session I : Speeches**

**“Research activities relevant to seismic safety”**

**[Chair: Kunio Higashi (NSC Deputy Chair)]**

- |               | Address by the Chair  |   |
|---------------|-----------------------|---|
| • 9:05- 9:25  | Yutaka Kukita         | Professor, Graduate School of Engineering, Nagoya University        |
| • 9:25- 9:40  | Hiroshi Masuko        | Director, Earthquake and Disaster-Reduction Research Division, MEXT |
| • 9:40- 9:55  | Yukinobu Okamura      | Deputy Director, Active Fault Research Center, AIST                 |
| • 9:55-10:10  | Katsumi Ebisawa       | Director-General, Seismic Safety Division, JNES                     |
| • 10:10-10:20 | Q&A with participants |   |

#### ■ **10:20 Break**

#### ■ **10:30 Session II : Speeches**

**“International activities of seismic safety”**

**[Chair: Kunio Higashi (NSC Deputy Chair)]**

- |                | Address by the Chair  |   |
|----------------|-----------------------|---|
| • 10:30-11:00  | Kazuo Konagai         | Professor, Institute of Industrial Science, University of Tokyo   |
| • 11:00-11:30  | Antonio R. Godoy      | Acting Section Head, Engineering Safety Section, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security, IAEA |
| • 11:30- 11:50 | Kojiro Irikura        | Adjunct Professor, Aichi Institute of Technology<br>Scientific Committee member,<br>International Seismic Safety Center, IAEA             |
|                | Heki Shibata          | Professor Emeritus, University of Tokyo<br>Scientific Committee member,<br>International Seismic Safety Center, IAEA                      |
| • 11:50-12:00  | Q&A with participants |   |

#### ■ **12:00 Break for lunch**

#### ■ **13:00 Session III : Panel Discussion**

**[Chair: Kojiro Irikura (Adjunct Professor, Aichi Institute of Technology)]**

Address by the Chair

- 13:05-15:20 **Part I: “Research on survey and evaluation of active faults”**

Panelists

- |               |                    |  |
|---------------|--------------------|--|
|               | Toshifumi Imaizumi | Professor, Graduate School of Science, Tohoku University                                   |
|               | Takashi Kumamoto   | Associate Professor, Graduate School of Natural Science and Technology, Okayama University |
|               | Yuichi Sugiyama    | Director, Active Fault Research Center, AIST   |
|               | Hidekazu Tokuyama  | Professor, Ocean Research Institute, University of Tokyo                                   |
| • 15:20-15:35 | Break              |  |

- 15:35-17:50 **Part II: “Research on determination of the earthquake ground motion used for seismic design”**

Panelists

Katsuhiro Kamae	Professor, Research Center for Safe Nuclear System, Research Reactor Institute, Kyoto University
Takashi Kumamoto	Associate Professor, Graduate School of Natural Science and Technology, Okayama University
Kazuki Koketsu	Professor, Earthquake Research Institute, University of Tokyo
Hideaki Tsutsumi	Principal Officer, Earthquake and Tsunami Evaluation Group, Seismic Safety Division, JNES
Hiroyuki Fujiwara	Project Director, Disaster Prevention System Research Center, NIED

- 17:50-18:00

Summary

Kojiro Irikura	Adjunct Professor, Aichi Institute of Technology
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**■18:00 Closing**

Yasuhisa Komoda (Director-General, NISA)