# Second announcement

# **ICRP Symposium on Radiological Protection Dosimetry**

Historical Review and Current Activities

The University of Tokyo Thursday, February 18, 2016



Organized by the International Commission on Radiological Protection (ICRP) with support from Nippon Foundation







### **Background**

ICRP Committee 2 is engaged in the development of dose coefficients for the assessment of internal and external radiation exposures; development of reference biokinetic and dosimetric models, and reference data for workers and members of the public. The Committee and its Task Groups are currently engaged in a large program of work to provide revised dose coefficients that implement the 2007 Recommendations and introduce improvements in methodology.

ICRP Committee 2 works closely with the International Commission on Radiation Units and Measurements (ICRU). It also works with the other ICRP Committees, for example in current work to provide advice on the use of effective dose as a protection quantity.

### **Objectives of the symposium**

ICRP Committee 2 welcomes this opportunity to discuss the current work with Japanese scientists and practitioners, covering topics including:

- Scientific bases of ICRP dose calculations
- Current status of the development of models and data
- Application of the models and data to dose assessments for workers and the public with focus on environmental exposures after accidental releases, risk assessment and radiation monitoring
- Use of Equivalent and Effective Dose as protection quantities
- > Research needs and future developments

## Registration

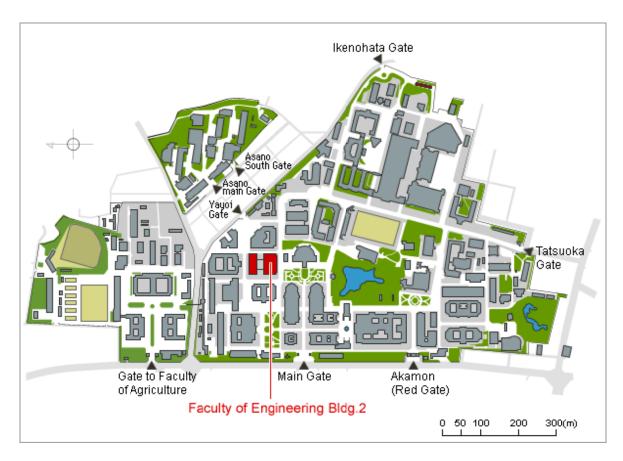
Attendance at the symposium is free of charge. However, advance registration is required. Please send your name, affiliation, and e-mail address to:

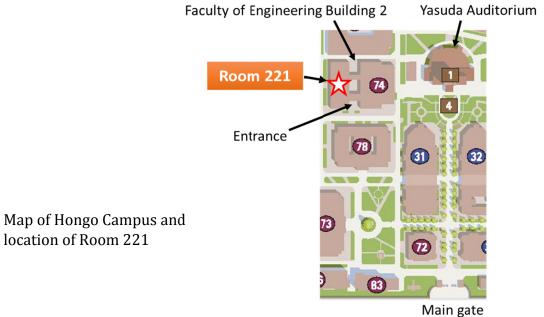
Akira Endo (Japan Atomic Energy Agency), ICRP Committee 2 e-mail: ICRP-symposium@jaea.go.jp

### Symposium venue

Room 221, Faculty of Engineering Building 2, Hongo Campus, the University of Tokyo

Access to the Hongo Campus http://www.t.u-tokyo.ac.jp/etpage/access/





#### Coffee break and lunch

Coffee will be served during the morning and afternoon breaks.

Participants could visit for lunch the restaurants and cafeterias of the university campus. Information on restaurants and shops is available at:

www.u-tokyo.ac.jp/content/400002228.pdf

# Program

# Registration starts at 9:30

Opening Address 10:00 – 10:10 Structure and Mission of the International Commission on Radiological Protection John Harrison, C2 Chair		
<b>Session 1 - Introd</b> 10:10 - 10:30	duction Overview of the ICRP System of Internal and External Dosimetry	<b>Akira Endo, Session Chair</b> Wesley Bolch
Session 2 - Mode 10:30 - 10:55 10:55 - 11:20	<b>ls and Data Used for the Calculation of Dose Coefficients</b> Computational Phantoms of the Reference Adults – Stylized and V Polygon Mesh Conversion of the ICRP Reference Phantoms	Michael Bellamy, Session Chair oxel Maria Zankl Chan Hyeong Kim
11:20 - 11:40	Coffee Break	
11:40 - 12:05 12:05 - 12:30 12:30 - 13:00	Methods of Dose Assessment to the Skeletal Tissues Computational Phantoms of Children and Pregnant Females Biokinetic Models for Radiological Protection	Derek Jokisch Choonsik Lee John Harrison
13:00 - 14:00	Lunch	
Session 3 - Dose (14:00 - 14:25 14:25 - 14:50	Coefficients Using ICRP Reference Models and Data Reference Dose Coefficients for Occupational External Exposure Reference Dose Coefficients for Environmental Exposure	Kimiaki Saito, Session Chair Nina Petoussi-Henss Helmut Schlattl
Session 4 - Application of Effective Dose and Radiation Monitoring Practice KwangPyo Kim, Session Chair		
14:50 - 15:15 15:15 - 15:40	Effective Dose and Risk Assessment Revisions to ICRU Operational Quantities	John Harrison Nolan Hertel
15:40 - 16:00	Coffee Break	
Session 5 - Research Needed for the ICRP System of Radiological Protection Dosimetry  Wesley Bolch, Session Chair		
16:00 - 16:30 16:30 - 17:00	Issues on the Radiation Weighting Factor Dose Assessment of Workers and the Public – Lessons Learned fro	Tatsuhiko Sato
17:00 – 17:25	General Discussion of Research Needs	
Concluding Remarks		
17:25 – 17:30	Concluding Remarks	John Harrison, C2 Chair

Note: Presentations will be given in English without interpretation