International Expert Symposium in Fukushima
—Radiation and Health Risks—
September 11-12, 2011, at Fukushima, Japan
(as of Aug. 30, 2011)

Sunday, September 11

8:00 -9:00        Registration

9:00-            Opening Addresses:

Introduction:  Kenzo Kiikuni (Sasakawa Memorial Health Foundation, Japan)
               David L. Heymann (Chatham House Centre on Global Health Security, UK)

Speakers:  Yohei Sasakawa (The Nippon Foundation, Japan)
           Shin-ichi Kikuchi (Fukushima Medical University, Japan)
           Video message by Margaret Chan (Director General, World Health Organization)

9:45-            Keynote Speeches

The accident, the workers and the public
Makoto Akashi (National Institute of Radiological Sciences, Japan)

The recommendations of the International Commission on Radiological Protection
vis-à-vis the Fukushima Dai-ichi NPP accident aftermath
Abel Julio González (International Commission on Radiological Protection; Autoridad Regulatoria Nuclear, Argentina)

11:00-12:30    Session I: Facts of Fukushima

Co-chairs:  Seiichi Takenoshita (Fukushima Medical University, Japan)
            Kazuhiko Maekawa (University of Tokyo, Japan)

Radioactive contamination of the environment and radiation doses to the public
Toshimitsu Homma (Japan Atomic Energy Agency)

Experience and Lesson from Fukushima Daiichi Nuclear Disaster
Kenji Kamiya (Hiroshima University, Japan)

Internal exposure caused by the Fukushima Nuclear Accident
Kazuo Sakai (National Institute of Radiological Sciences, Japan)

12:30-13:30    Lunch Break
13:30-15:15 **Session II: Low-level Irradiation and Health, Challenges Involved in Emergency Medicine**

Co-Chairs: Yoshiharu Yonekura (National Institute of Radiological Sciences, Japan)  
Timothy Walker (Former Health and Safety Executive, UK)

*Medical effects and risks of exposure to ionizing radiation*
Fred Mettler Jr (University of New Mexico, USA)

*Epidemiological investigations of aircrew - an occupational group with low-level cosmic radiation exposure*
Hajo Zeeb (Bremen University, Germany)

*Health risks associated with environmental radiation exposures*
Scott Davis (University of Washington, USA)

*Emergency medical preparedness for radiological/nuclear incidents*
Norman Coleman (National Cancer Institute, USA)

*Radiation epidemiology: a perspective on Fukushima*
John Boice (International Epidemiology Institute, USA)

15:15-15:30 **Coffee Break**

15:30-16:15 **Session IIIa: Dose, Dosimetry and Dose Estimations of Contaminated Areas**

Co-Chairs: Toshiteru Okubo (Radiation Effect Research Foundation, Japan)  
Wolfgang Weiss (Federal Office for Radiation Protection, Germany)

*Dosimetric quantities in radiological protection and in risk assessments*
Hans-Georg Menzel (European Organization for Nuclear Research, Switzerland)

*Estimation of internal radiation dose from both immediate releases and continued exposures to contaminated materials*
Bruce Napier (Pacific Northwest National Laboratory, USA)

*Chernobyl accident and fallout from nuclear weapons tests: dosimetry, countermeasures, and epidemiology*
Andre Bouville (National Cancer Institute, USA)

16:15-17:00 **Session IIIb: Radiobiology and Radioepidemiology**

Co-Chairs: Toshiteru Okubo (Radiation Effect Research Foundation, Japan)  
Wolfgang Weiss (Federal Office for Radiation Protection, Germany)

*Implication of stem cells in radiation risks of in utero exposures and low dose rate*
Ohtsura Niwa (Kyoto University, Japan)

*Radiation and cancer risk in atomic bomb survivors*
Kazunori Kodama (Radiation Effect Research Foundation, Japan)

19:00 **Reception at Fukushima View Hotel**
Monday, September 12

9:30-11:00 Session IV: Lessons Learned from the Chernobyl Accident

Co-Chairs: Kiyohiko Mabuchi (National Cancer Institute, USA)  
Arthur Schneider (University of Illinois at Chicago, USA)

Lessons of Chernobyl and prognosis for Fukushima: radiological consequences  
Victor Ivanov (Medical Radiological Research Center, Ministry of Health and Social Development of the Russian Federation, Russia)

Chernobyl Experience in the Area of Retrospective Dosimetry  
Vadym Chumak (National Academy of Medical Sciences of Ukraine, Ukraine)

Thyroid cancer in Ukraine following the accident at the Chernobyl Nuclear Power Plant (in the framework of the Ukraine-American Thyroid Project)  
Nikolai D. Tronko (Ukrainian Research Institute of Endocrinology and Metabolism, Ukraine)

Mental health consequences of the Chernobyl accident  
Evelyn J. Bromet (Stony Brook University, USA)

Chernobyl thyroid tissue bank: integrating research on radiation-induced thyroid cancer  
G A Thomas (Imperial College London, UK)

11:00-11:15 Coffee Break

11:15-12:45 Session V: Radiation Safety and Guidelines Regarding Health Risks

Co-Chairs: Akihiro Shima (Institute for Environmental Sciences, Japan)  
Christopher H. Clement (International Commission on Radiological Protection, Canada)

Radiation protection principles  
John R. Cooper (Center for Radiation, Chemical and Environmental Hazard, Health Protection Agency, UK)

Cancer models and radiation protection  
Richard Wakelord (University of Manchester, UK)

Protection of people living in long term contaminated areas after a nuclear accident: the recommendation of ICRP Publication 111  
Jacques Lochard (Centre d'étude sur l'Evaluation de la Protection dans le domaine Nucléaire, France)

Some lessons on radiological protection learned from the accident of the Fukushima Daiichi nuclear power plant  
Michiaki Kai (Oita University, Japan)

12:45-13:45 Lunch Break
13:45-14:45  **Session VI: Discussion and Recommendations**

Co-Chairs: Abel Julio González (International Commission on Radiological Protection, Autoridad Regulatoria Nuclear, Argentina)  
Shunichi Yamashita (Fukushima Medical University, Nagasaki University, Japan)

Comments:  
*Public reactions in Korea upon the Fukushima accident and its implications*  
Jaiki Lee (Hanyang University, Korea)

*Preparing a scientific report to the General Assembly on Exposures due to the nuclear accident following the Great East-Japan earthquake and tsunami* – the current status of UNSCEAR activities  
Wolfgang Weiss (Federal Office for Radiation Protection, Germany)

*WHO's Public Health Agenda in Response to the Fukushima Daiichi Nuclear Accident*  
Emilie van Deventer (World Health Organization)

Igor Gusev (International Atomic Energy Agency)

Jan Wondergrem (International Atomic Energy Agency)

14:45-15:00  **Coffee Break**

15:00-16:00  **Session VI, (continued)**

Discussions  
Recommendations

16:00-16:30  **Closing of the Symposium**

Speakers: Kenzo Kiikuni (Sasakawa Memorial Health Foundation, Japan)  
David L. Heymann (Chatham House Centre on Global Health Security, UK)

17:00-18:00  **Press Conference**