



Course Director:

Oleg Belyakov, Radiation biologist, Division of Human Health, Department of Nuclear Sciences and Applications, International Atomic Energy Agency (IAEA)

Satoshi Tashiro, Director of Research Institute for Radiation Biology and Medicine, Hiroshima University (HICARE)

Venue: The course will take place at;

- from February 17 (Monday) to 20 (Thursday) :
Hiroshima University, Kojin Kaikan Conference Hall
(1-2-3 Kasumi, Minami-ku, Hiroshima City, Hiroshima, Japan)

-February 21 (Friday) :
Radiation Effects Research Foundation (RERF), Auditorium
(5-2 Hijiyama Park, Minami-ku, Hiroshima City, Japan)

Transportation: Bus leaves the hotel for the venues at 8:30 every morning.

MONDAY 17 FEB			
9:00 – 9:30	Kenji Kamiya (Vice President of Hiroshima Univ.)	Welcome and Opening addresses	
9:30 – 10:00	Oleg Belyakov (Division of Human Health, IAEA)	About CRP35010, MEDBIODOSE “Overview of the IAEA Biological Dosimetry Activities”	①
10:00 – 10:30	Break		
10:30 – 11:30	Sergey Shinkarev, (Bumasyan Federal Medical Biophysical Center, Russia) <i>IAEA</i>	“Monitoring and dosimetry for first responders after a major accident”	②
11:30 – 12:00	Discussion /Questions		
12:00 – 13:00	Lunch break		
13:00 – 14:00	Kanya Hamasaki (Radiation Effects Research Foundation (RERF))	“Chromosome study of A-bomb survivors -Consider the impact of the therapeutic exposure-“	③
14:00 – 15:00	Osamu Kurihara (National Institutes for Quantum and Radiological Science and Technology (QST))	“Internal dosimetry”	④
15:00 – 15:30	Break		

15:30 – 16:30	Kimio Tanaka (Institute for Environmental Sciences (IES))	“Biological effects of Low Dose and Low-Dose Rate Radiation, special reference to Chromosome Aberrations and Life Span Shortening”	⑤
16:30 – 17:00	Discussion /Questions		
18:00-	Reception		

TUESDAY 18 FEB			
9:00 – 10:00	Sergey Shinkarev, (Bumasyan Federal Medical Biophysical Center, Russia) <i>IAEA</i>	“Assessment of internal doses from monitoring measurements”	⑥
10:00 – 10:30	Break		
10:30 – 11:30	Tomisato Miura (Hiroasaki Univ.)	“Protection of physicians from medical exposure”	⑦
11:30 – 12:00	Discussion /Questions		
12:00 – 13:00	Lunch break		
13:00 – 14:00	Yasushi Nagata (Hiroshima Univ.,)	“Radiation Oncology in Japan”	⑧
14:00 – 15:00	Kotaro Ozasa (Radiation Effects Research Foundation (RERF))	“Epidemiological Studies on Late Health Effects among A-bomb Survivors”	⑨
15:00 – 15:30	Break		
15:30 – 16:30	Sakae Kinase, (Japan Atomic Energy Agency (JAEA)) <i>IAEA</i>	“Monitoring for Occupational Intakes of Radionuclides”	⑩
16:30 – 17:00	Discussion /Questions		

WEDNESDAY 19 FEB			
9:00 – 10:00	Takashi Kudo (Nagasaki Univ.)	“Nuclear Medicine”	⑪
10:00 – 10:30	Break		
10:30 – 11:30	Hiroshima University Hospital Tour		
11:30 – 12:00	Discussion /Questions		

12:00 – 13:00	Lunch break		
13:00 – 14:00	Augusto Giussani, (Federal Office for Radiation Protection (Bfs), Oberschleißheim, Germany) <i>IAEA</i>	“Biokinetic and dosimetric models”	⑫
14:00 – 15:00	Kazuo Awai (Hiroshima Univ.)	“Radiation exposure at CT”	⑬
15:00 – 15:30	Break		
15:30 – 17:00	Peace Memorial Museum		

THURSDAY 20 FEB			
9:00 – 10:00	Augusto Giussani, (Federal Office for Radiation Protection (BfS), Oberschleißheim, Germany) <i>IAEA</i>	“Microdosimetry and nanodosimetry for internal emitters”	⑭
10:00 – 10:30	Break		
10:30 – 12:00	Satoshi Tashiro (Hiroshima Univ.)	“Clinical application of biological dosimetry”	⑮
12:00 – 13:00	Lunch break		
13:00 – 15:00	Presentation about each participant’s work and research 6 min each		
15:00 – 15:30	Discussion /Questions		
15:30 – 17:00	Hiroshima University Laboratory Tour		

FRIDAY 21 FEB			
9:00 – 10:00	Kodama Kazunori (Radiation Effects Research Foundation (RERF))	Introduction and site tour of RERF	
10:00 – 10:30	Break		
10:30 – 11:30	Evaluation IAEA		
11:30 – 12:00	Satoshi Tashiro	Closing remarks	