

Akira Endo received the Japanese Prize for Science and Technology

Dr. Akira Endo, a member of ICRP Committee 2, received the Prize for Science and Technology from the Minister of Education, Culture, Sports, Science and Technology of Japan. The prize is awarded for his achievements in the development of reference databases used for dosimetric calculations in radiation protection and nuclear medicine.



After receiving PhD from Tokyo Metropolitan University in 1988, Akira Endo joined the Department of Health Physics at the Japan Atomic Energy Research Institute (JAERI) and was involved in research on radiation protection and radiation dosimetry. His research interest covers dosimetry for accelerator-produced radionuclides and high-energy radiation. He is also interested in the development of radiation dosimetry instrument, radiation transport code, computational phantom, and nuclear decay data for dose calculation. In 2012 he was appointed as head of the Division of Environment and Radiation Sciences at the Japan Atomic Energy Agency (JAEA).

Akira Endo joined the ICRP Task Group DOCAL in 2002 and contributed to the development of databases of nuclear decay data in *Publication 107* and dose conversion coefficients for external exposure in *Publication 116*. He also worked closely with the Committee on Medical Internal Radiation Dose (MIRD) of the Society of Nuclear Medicine and Molecular Imaging (SNMMI) to develop a radionuclide database, published as "MIRD: Radionuclide Data and Decay Schemes 2nd Edition", for diagnosis and therapy in nuclear medicine. These databases have been used as reference data for dose calculation in various applications in radiation protection, nuclear medicine, and molecular imaging.

Collaborative efforts of Akira Endo with ICRP and the SNMMI MIRD Committee for the development of internationally recognised reference databases were highly appreciated by the Minister. The prize was presented to Akira Endo at the 2013 Commendation Ceremony for Science and Technology with the Minister Hakubun Shimomura in attendance in an auditorium of the Ministry of Education, Culture, Sports, Science and Technology in Tokyo on 16 April 2013 during the Science and Technology Week in Japan. In 2013, 29 groups and individuals including Akira Endo from a broad range of fields of science and technology were honored in the Development Category of the Prize.