



International Commission on Radiation Units and Measurements, Inc.

May 12, 2023

23rd Gray Medal Recipient: Dr. Kunio Doi



The International Commission on Radiation Units and Measurements (ICRU) is pleased to announce that the 23rd Gray Medal was presented to Dr. Kunio Doi.

Dr. Kunio Doi, one of the great innovators in radiology and medical imaging, was awarded the Gray Medal of the International Commission on Radiation Units and measurement (ICRU) on April 15, 2023, in Yokohama Japan at the Japan Radiology Congress. Dr. Doi's many contributions to the field of medical imaging include his pioneering work on establishing the modulation transfer function as a robust measure of spatial resolution, establishing the Wiener spectrum as the metric for image noise, and his development of computer aided detection and computed aided diagnosis concepts in chest radiography and mammography. He was a prolific author and many of his students are leaders in the field of medical imaging today.



The title of Dr. Doi's talk was "Image Analysis and Computer-Aided Diagnosis (CAD) in Medical Imaging". The award was presented by Drs. Thomas "Rock" Mackie and John M. Boone on behalf of the ICRU. A healthy audience participation helped to celebrate this significant accomplishment of Dr. Doi. Congratulations Dr. Kunio Doi!