



## *International Commission on Radiation Units and Measurements, Inc.*

For Immediate Release  
October 18, 2018

### **Dr. Anders Brahme Received 19<sup>th</sup> ICRU Gray Medal**



The International Commission on Radiation Units and Measurements (ICRU) is pleased to announce that the 19<sup>th</sup> Gray Medal was presented to Dr. Anders Brahme on October 17, 2018 during the SSM 90th Anniversary Colloquium, in Stockholm, Sweden. Dr. Brahme's talk was entitled "Windows of Opportunities in Radiation Medicine."

Anders Brahme received his doctorate from Stockholm University in 1975. The topic of his thesis was the application of the Microtron accelerator for clinical radiation therapy. He served as Professor and Head of the Department of Medical Radiation Physics at Karolinska Institute in Stockholm. Dr. Brahme was a leader in the development of new methods for dosimetry, design of beam delivery and quality assurance for most types of radiation from electrons and photons to neutrons, protons and heavy ions. He and his group initiated the development of inverse radiation therapy planning and intensity modulated radiotherapy (IMRT) using scanning beams and dynamic multi-leaf collimator systems which has revolutionized radiation therapy planning and delivery by improving target dose distributions and allowing better sparing of critical normal tissue. Dr. Brahme's wide-ranging research activities also focused on optimization of radiation therapy using radiobiology models.