

Roger HARRISON



Roger Harrison graduated in physics from the University of Manchester, UK, in 1971 and after a Master's degree in Radiological Health and Safety at the University of Salford, completed his PhD in the application of computed tomography to radiotherapy at the University of Newcastle-upon-Tyne in 1979. He joined the Regional Medical Physics Department, Newcastle General Hospital, in 1972 working in radiotherapy physics and later in physics applied to diagnostic imaging and radiation protection. He was Head of the Radiation Physics and Imaging Unit, responsible for clinical services, research and development in radiotherapy physics, diagnostic radiology physics, radiation protection and nuclear

medicine, and for the work of 100 scientific and technical staff. He was also the head of an accredited personal monitoring service for 3000 health service staff and was a Radiation Protection Advisor to four National Health Service Trusts. He has examined at Masters and Doctoral level and has acted as external examiner in medical and radiological physics for several universities in the UK and Malaysia. From 1994-2007, he was the Degree Programme Co-Director and lecturer for a BSc honours degree in Physics with Medical Applications at the University of Newcastle. He has held the posts of Honorary Scientific Editor of *The British Journal of Radiology* and Deputy Editor of *Physics in Medicine and Biology*. He is the author or co-author of approximately 100 publications in radiotherapy physics, radiation dosimetry, medical x-ray imaging, magnetic resonance imaging and radiation protection. He was awarded the Founders' Prize of the Hospital Physicists' Association (1984) and the Röntgen Prize of the *British Journal of Radiology* (2009). His main research interests have been in radiation dosimetry applied to radiotherapy and diagnostic radiology, and currently are in dosimetry for risk estimation of second malignancies in radiotherapy. He is a Fellow of the Institute of Physics, the Institute of Physics and Engineering in Medicine and the British Institute of Radiology. He retired from the UK National Health Service in 2010 and is currently an Honorary Senior Lecturer in Medical Physics in the Faculty of Medical Sciences, University of Newcastle. He joined EURADOS in 2010 and led the organisation of the EURADOS Workshop "Dosimetry for second cancer risk estimation in radiotherapy" in 2012. From 2010 – 2019 he was the chair of EURADOS Working Group 9 (Radiation Dosimetry in Radiotherapy) and is now a member of EURADOS Council.