

Rick TANNER



After graduating in physics from the University of Kent in 1984, Rick gained a PhD in Nuclear Structure from the University of Liverpool in 1988. He began his career at the National Radiological Protection Board in 1988 conducting research on improved methods for neutron personal dosimetry. In 1990, he joined the EURADOS-CENDOS Working Group 5, Basic Physical Data and Characteristics of Radiation Protection Instrumentation subgroup on the Application of Track Detectors to Neutron Dosimetry. He was secretary of the Working Group 8 of EURADOS on track detectors from 1991-1994. In 1994 he joined EURADOS Working Group 6 Numerical Dosimetry performing Monte Carlo calculations using MCNP. He has remained a member of the now Computational Dosimetry group since then, chairing the group from 2013-2018. He was a member of the organization groups of the

IC2012n and IC2017n neutron personal dosimetry intercomparisons. He was an elected member of EURADOS Council from 2010-2013 and was re-elected in 2020.

In 2005 his employment transferred to the Health Protection Agency, and in 2013 to Public Health England. He now runs the Radiation Metrology group which operates the largest secondary standards calibration laboratory in the UK. The group also performs research into external radiation dosimetry via measurement and computation, and environmental radiation measurements. The group performs emergency roles, with a lead role for the UK in the protection of people from cosmic radiation exposures in civil aviation and space. He has published over 130 peer reviewed papers with over 1200 citations in a wide range of topics. External workplace dosimetry and Monte Carlo methods are currently his main areas of work and expertise.