

Mr. Victor (Vic) Leach App. Physics (RMIT), MSc (Melbourne. Uni) worked as a radiation health physicist and atmospheric scientist for 50 years in both the private sector (uranium & coal mining) and the public sector with a number of Commonwealth (Australian Radiation Laboratory now ARPANSA) and State Government Health Departments (QLD & NT). He was a founding member of the Australasian Radiation Protection Society (ARPS) in 1975, and has remained a member ever since. He has been a past treasurer and was on previous organising committees for conferences in Melbourne, Sydney, Brisbane, Cairns and Darwin. Vic has been involved in many occupational and environmental aspects of mining and non-mining projects at both the planning and operational stage. He has published in peer-reviewed scientific and engineering journals on subjects of dust and radioactivity exposure and the inhalation effects on health of workers and members of the public. He was University Radiation Advisor (RPA) at both the Queensland University of Technology (QUT) and the University of Queensland (UQ). In the last two years before retirement, Vic assisted in obtaining all the radiation health approvals for the 18 Mev cyclotron. Since last taking up the role as URPA at QUT in 2006, Vic has developed an increased interest in the standards setting for non-ionising wireless radiation compared to ionising radiation. He has come to the realisation that the wireless industry is working to a safety standard that is out-of-date and therefore is essentially operating as an unregulated industry. Consumers are not being protected to a high level and there is unethical exposure of members of the public 24/7. In contrast the nuclear industry is a well-regulated industry and applies precautionary principles as part of its radiation protection philosophy.