



Andrew Bettiol is an Associate Professor in the Department of Physics at the National University of Singapore. He obtained his Ph.D. at the University of Melbourne, Australia in 1999 working of ion beam induced luminescence. He joined NUS later in 1999 as an NSTB fellow and was later given tenure jointly in the Engineering Science Programme (ESP) and the Department of Physics in 2014. He currently also holds a joint appointment with Yale-NUS College where he teaches experimental physics and is the Assistant head of the Department of Physics at NUS. Andrew Bettiol has over 25 years of experience with accelerators, nuclear microbeams and ion beam analysis. His current research interests include the modification of optical properties of semiconductors and 2D materials by highly focused ion-beams, quantum sensing, diamond radiation detectors and dosimeters, radiobiology using external ion beams for cancer therapy studies, and super-resolution nuclear microscopy