

Dr Renfei Feng is a Senior Scientist and Beamline Responsible in charge of a hard X-ray microprobe facility at the Canadian Light Source – the national synchrotron research center in Canada. He is also an Adjunct Professor in University of Saskatchewan. He obtained his PhD degree in 1993 in Atomic and Molecular Physics, then worked as a Lecturer (Assistant Professor) and Associate Professor in the University of Science and Technology of China (USTC) from 1993-1997. He was the Deputy Director there for Nuclear and Particle Physics Division, and Atomic and Molecular Physics Laboratory. In 1997, Dr Feng moved to Canada. He worked as a Peter Wall Postdoc Fellow and a Research Associate at University of British Columbia from 1997-2002; followed by a Staff Scientist in the Alberta Synchrotron Institute from 2002-2005. In 2005, he took a Staff Scientist position at the Canadian Light Source, leading the development, commissioning, and operation of a hard X-ray microprobe beamline VESPER. During his time in China, Dr Feng has been awarded a number of awards including National and CAS Advancement of Science and Technology Awards. He is the member of American Physical Society; Minerals, Metals, and Materials Society; International Society for Optics and Photonics; Materials Research Society; Society for Applied Spectroscopy; European Association of Geochemistry. He has authored 100+ peer-refereed publications. His current research interests focus on Synchrotron Instrumentation and Applications, including the techniques of X-Ray spectroscopies, imaging, diffraction, and their applications in the environmental sciences, materials sciences, and life sciences.