



Dr. Adriaan Buijs

Adriaan was with Atomic Energy of Canada Limited from 2001 to 2008, first as senior scientist in safety and licensing in the Reactor Core Physics division, then as section head for neutronic overpower protection in CANDU reactors. In 2006 he became manager of the Physics Design group for the ACR-1000. In January 2009 Adriaan was appointed as professor in the Engineering Physics Department of McMaster University in Hamilton. He is currently associate chair in the department and has research projects in thorium-fuelled CANDU reactors and GEN-IV super-critical-water reactors.

Adriaan has a Master's degree in experimental physics from the State University in Utrecht. He received a PhD from the same University on research on photon-photon collisions performed at the Stanford Linear Accelerator Center in California, USA. Prior to joining AECL, He was Fellow and staff member at CERN, the European Centre for Particle Physics from 1986 to 1994. From 1994 to 2001 he was full professor of experimental physics at Utrecht University and director of the particle physics department.

Adriaan has been chairman of the Sheridan Park Branch of the Canadian Nuclear Society (CNS) from 2004 to 2008, secretary of the CNS from 2004 to 2006, and president in 2010/11 and again in 2013/14.