



Dr. Valeriia Starovoitova has over 20 years of experience in applied nuclear physics. After receiving her PhD at Purdue University, she started working at the Idaho Accelerator Center (IAC), Idaho State University. She was involved in several applied nuclear physics projects focused on various uses of electron linacs. In 2013 joined Niowave, Inc., a company that delivers and commissions superconducting electron accelerators. Dr. Starovoitova's task was to establish and lead the Applied Physics Group, which by 2018 grew to ten researchers including nuclear physicists and engineers, radiochemists, health physicist, and material scientists. In 2018 Dr. Starovoitova started working at IAEA as a radiation technology coordination officer. Her current work is focused on assessment of alternative radiation technologies, particularly uses of particle accelerators for medical device sterilization, material processing, environmental applications, and other uses. In addition to the aforementioned work, Dr. Starovoitova has been teaching various physics and radiation technology courses as well as mentoring students— at Purdue University, Idaho State University, and World Nuclear University.