

Dr. HAMID SAEED RAZA

Dr. Hamid Saeed Raza has a master's degree in International Nuclear Safety. He did his doctoral and post doctoral research at Quantum Beam Engineering Lab, Republic of Korea. His Ph.D. thesis research was on the Monte Carlo analysis of carbon-nanotube-based miniature X-ray tubes. He is currently working at Centre for Nuclear Safety, Pakistan Nuclear Regulatory Authority. His responsibilities include review and assessment of licensee's submissions related to nuclear installations and radiation facilities. He has about twenty research articles published in peer reviewed International & National journals and conferences. He is also a reviewer of well reputed International journal. He was among top essays voices for NextGen of Science journal. He was the panelist from Pakistan on Asian and Oceanic Workshop on Radiation Protection Culture in 2010. He delivered lectures at Karachi University, as well as at International Scientific School National Centre for Physics, Islamabad, and was External examiner for MS-Nuclear Engineering projects at PIEAS. He frequently delivers lectures at National School of Safety and Security, PNRA on radiation safety, imaging modalities, and radiotherapy. He is going to present 'A Review of Artificial Intelligence Applications in Medical Physics'. The purpose of this research is to assess current perceptions, practices and needs pertaining to artificial intelligence (AI) in the field of medical physics.