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Jochen Kuhnhenh is head of the business unit “Nuclear Effects in Electronics and Optics (NEO)” at the Fraunhofer-Institute for Technological Trend Analysis (INT) investigating radiation effects in components and systems for space and nuclear environments. Jochen Kuhnhenh received his Diploma in physics in 1997 from the University Hanover on gamma-ray spectroscopy of Ukrainian soil samples. In 2001 he received his physics PhD from the University of Cologne on proton-induced production of residual nuclei in lead. He joined Fraunhofer INT the same year working on radiation effects in optical fibers. Since 2007 he was responsible for all activities related to radiation in optics. In 2014 he became head of all radiation effects activities at Fraunhofer INT. Main research interests are radiation effects in optical fibers and components, radiation testing procedures, and utilization of radiation effects in novel sensor applications. Dr. Kuhnhenh authored and co-authored more than 50 publications in peer-reviewed journals and proceedings. He serves as reviewer for more than 10 journals or research organizations. He holds several patents and served in different functions in many international conferences.