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Yeonhoo Kim is a Principal Research Scientist at the Korea Research Institute of Standards and Science (KRISS). He received his Ph.D. in Materials Science and Engineering from Seoul National University, Seoul, Republic of Korea, in 2018, followed by a position as a Postdoctoral Research Associate at Los Alamos National Laboratory, NM, USA (2018–2021). His research focuses on the design of nanomaterials and surface engineering for sensors and flexible electronics. At KRISS, his current work involves the precise evaluation of radiation hardness in advanced materials and electronic devices, including AI semiconductors and sensors