



Kazuhiro Hono is currently the President of the National Institute for Materials Science, Japan. He received BS and MS degrees in Materials Science and Engineering at Tohoku University in 1982 and 1984, respectively and a Ph. D. degree at Penn State in 1988. After working as a post doc at Carnegie Mellon University, he joined Institute for Materials Research at Tohoku University as a research associate in 2000, where he built atom probe facility. Then, he moved to NIMS in 1995, where he had 27 years research career including Director of Metallic Nanostructure Group, Director of the Research Center for Magnetic and Spintronic Materials, NIMS Fellow, and Executive Vice President until he was appointed as President in 2022. Since 2003, he has also been a professor in Materials Science and Engineering at the Graduate School of Pure and Applied Sciences, University of Tsukuba. His research interest includes nanostructure characterization of metallic materials using atom probe tomography and transmission electron microscopy to understand the microstructure-property relationships of materials. In the last 20 year, he focused on the development of rare earth permanent magnets, nanocrystalline soft magnets, nanogranular magnetic recording media and other magnetic and spintronic materials and their devices based on basic studies on microstructure/property relationships.