

## **Biography**

Koki Takanashi received his BS, MS, and Ph.D. degrees in Physics from the University of Tokyo. After postdoctoral research at Tohoku University, he joined the faculty there and became a Professor (2000) and the Director (2014) of the Institute for Materials Research at Tohoku University. In 1994-1995 he was an Alexander von Humboldt Research Fellow at the Forschungszentrum Jülich in Germany. He is now a Professor Emeritus at Tohoku University, and the Director General at the Advanced Science Research Center, Japan Atomic Energy Agency. He has published over 500 original or review papers in internationally reputed journals, has given 85 invited talks at international conferences, and has received numerous awards, including the Outstanding Research Award (2004, Magnetic Society of Japan), Outstanding Paper Award (2009, Japan Society of Applied Physics), Masumoto Hakaru Award (2011, Japan Institute of Metals), MSJ Award (2019, Magnetic Society of Japan), Murakami Memorial Award (2021, Japan Institute of Metals), and AUMS Award (2022, Asian Union of Magnetic Societies). He was the leader of a national project in Japan: “Creation and Control of Spin Current” (2007-2011). He also served as the President of Magnetism Society of Japan (2017-2019), Asian Union of Magnetism Societies (2018-2019), and Japan Institute of Metals (2020-2021), and as a General Cochair of INTERMAG2023. His research interests include magnetism and magneto-transport in nanostructures, magnetic materials for spintronics, and spin current phenomena.