



Hideo Ohno
President

■Education:

1982, Ph.D., Electronic Engineering, University of Tokyo

1979, M.S., Electronic Engineering, University of Tokyo

1977, B.S., Electronic Engineering, University of Tokyo

■Professional Experience:

2018-, The 22nd President of Tohoku University

2016-2018, Director, Center for Spintronics Research Network, Tohoku University

2013-2018, Director, Research Institute of Electrical Communication, Tohoku University

2012-2018, Professor, Center for Innovative Integrated Electronic Systems, Tohoku University

2012-2013, Director, Laboratory of Nanoelectronics and Spintronics, Research Institute of Electrical Communication, Tohoku University

2010-2018, Principal Investigator, WPI-Advanced Institute for Materials Research

2010-2018, Director, Center for Spintronics Integrated Systems, Tohoku University

2004-2010, Director, Laboratory of Nanoelectronics and Spintronics, Research Institute of Electrical Communication, Tohoku University

1995-2018, Professor, Research Institute of Electrical Communication, Tohoku University

1994, Professor, Department of Electronic Engineering, Tohoku University

1988-1990, Visiting Scientist, IBM T. J. Watson Research Center, New York, USA

1983-1994, Associate Professor, Department of Electrical Engineering, Hokkaido University

1982-1983, Lecturer, Department of Electrical Engineering, Hokkaido University

■ Awards

Honorary Degree of Doctor, University of York, 2024
Doctor Honoris Causa, University of Warsaw, 2023
Doctorat Honoris Causa, Universite de Lorraine, France, 2022
IEEE Magnetics Society Achievement Award 2022
International Fellow, Royal Swedish Academy of Engineering Sciences (IVA), 2021
JSAP Paper Award 2019
ISCS Welker Award 2019
Fellow, Institute of Electrical and Electronics Engineers (IEEE) 2018
MEXT Commendation for Science and Technology 2017
C&C Prize 2016
Leo Esaki Prize 2016
DPS Paper Award 2016
JSAP Compound Semiconductor Electronics Achievement Award 2015
IEEE David Sarnoff Award 2012
JSAP Outstanding Achievement Award 2012
Distinguished Professor, Tohoku University 2011
Thomson Reuters Citation Laureates, 2011
IEEE Magnetics Society, Distinguished Lecturer 2009
Distinguished Professor, Tohoku University 2008
Honorary Professor, Institute of Semiconductors, Chinese Academy of Sciences, 2006
The 2005 Agilent Technologies Europhysics Prize, 2005
Presidential Prize for Research Excellence, 2005
Japan Academy Prize, 2005
Fellow, Institute of Physics, 2004
IUPAP Magnetism Prize, 2003
IBM Japan Science Award, 1998

■ Research Field

Spintronics

■ Summary

Professor Hideo Ohno received the Ph.D. degree from the University of Tokyo in 1982.

He is currently the 22nd President of Tohoku University. He was Director of Research Institute of Electrical Communication, Tohoku University, Director of Center for Spintronics Integrated System, Tohoku University, Principal Investigator of WPI Advanced Institute for Materials Research, Tohoku University, Professor of Center for Innovative Integrated Electronic Systems, Tohoku University and Director of Center for Spintronics Research Network, Tohoku University. His current research interests include physics and applications of spin phenomena in semiconductors and metal-based nanostructures. Professor Ohno received the IBM Japan Science Award (1998), the IUPAP Magnetism Prize (2003), Japan Academy Prize (2005), Presidential Prize for Research Excellence, Tohoku University (2005) and the 2005 Agilent Technologies Europhysics Prize. He has been a fellow of the Institute of Physics (IOP) since 2004, an honorary professor of Institute of Semiconductors, Chinese Academy of Sciences since 2006, a fellow of the Japan Society of Applied Physics (JSAP) since 2007, a fellow of American Physical Society (APS) since 2012, a fellow of Institute of Electrical and Electronics Engineers since 2018, an International Fellow of the Royal Swedish Academy of Engineering Sciences (IVA) since 2021, in 2022, he was awarded a Doctorat Honoris Causa by Université de Lorraine, in 2023, a Doctor Honoris Causa by University of Warsaw, and in 2024, a Honorary Degree of Doctor by University of York. IEEE Magnetics Society named him for the Distinguished Lecturer for 2009. He was awarded the Thomson Reuters Citation Laureate (2011), the JSAP Outstanding Achievement Award, IEEE David Sarnoff Award (2012), JSAP Compound Semiconductor Electronics Achievement Award (2015), DPS Paper Award (2016), Leo Esaki Prize (2016), C&C Prize (2016), MEXT Commendation for Science and Technology (2017), ISCS Welker Award (2019), JSAP Paper Award (2019) and IEEE Magnetics Society Achievement Award (2022). He was appointed as the Distinguished Professor at Tohoku University.