



## FIRST INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATION AND COOPERATION

### Speaker's Bio

#### Hideo Ohno



Professor Hideo Ohno received his PhD from the University of Tokyo, Japan, in March 1982. Before joining Tohoku University, he worked as a lecturer and then as an associate professor at the Department of Electrical Engineering, Hokkaido University. From 1988 to 1990, he was a visiting scientist at the IBM T. J. Watson Research Center. He is a professor at Research Institute of Electrical Communication and Director of Laboratory for Nanoelectronics and Spintronics, both at Tohoku University.

His research interests include spintronics, physics and application of semiconductor quantum structures, and semiconductor crystal growth.

He is currently leading one of the IT-Programs of Research Revolution 2002, "Development of Universal Low-Power Spin Memory" project from the Ministry of Education, Culture, Sports, Science, and Technology. He is also leader of the Exploratory Research for Advanced Technology (ERATO) Project "Semiconductor Spintronics" of Japan Science and Technology Corporation.

Professor Ohno has authored over 280 scientific publications and has given over 90 invited talks at international conferences and symposiums. He received the Japan IBM Science Award in 1998 and the IUPAP Magnetism Prize in 2003.