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Academic grade: Doctor of Science (Physics)

Occupation: Deputy Director, Nanotechnology Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Japan.

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Education:

1977 Graduated from Department of Physics, Faculty of Science, University of Tokyo

1977-1982 Doctor study at Institute for Solid State Physics, Graduate School of Science, University of Tokyo

Academic career:

1982-1983 Postdoctoral Fellow, University of Rochester, USA

1984-2000 Researcher at Electrotechnical Laboratory, Agency of Industrial Science and Technology

2001-present Deputy Director, Nanotechnology Research Institute, AIST

Adjunct position:

1990 Visiting Researcher at University of Houston, USA

1990-1991 Visiting Researcher at University of Mainz, Germany

1993-2002 Associate Professor at University of Tsukuba

Research themes:

1979-1983 Theory on optical absorption in amorphous semiconductors

1983-1991 Theory on dynamical excitations in low-dimensional materials

1989-2000 Theory on nonlinear optical response in conjugated polymers

2001-2008 Theory on novel functions in nanoscale molecular materials

2005-present Societal implications and standardization of nanotechnologies