

CURRICULUM VITAE

Family name: Misawa
Forename: Hiroaki
Sex: Male
Date of birth: November 10, 1955



Mailing address: The Research Institute for Electronic Science
Hokkaido University
N21, W10, CRIS Bldg., Kita-ku, Sapporo
001-0021, Japan
Phone: +81-11-706-9358, Fax: +81-11-706-9359
E-mail: misawa@es.hokudai.ac.jp

Educational Backgrounds

1979 B.S. Tokyo Metropolitan University
1981 M.S The University of Tsukuba
1984 D.Sc. The University of Tsukuba

Research and Professional Experience:

1984 Post-doctoral researcher,
The University of Texas.

1986 Assistant Professor,
Department of Chemistry, The University of Tsukuba.

1988 Researcher,
Microphotoconversion Project, ERATO,
Japan Science and Technology Corporation.

1991 Group Leader,
Microphotoconversion Project, ERATO,
Japan Science and Technology Corporation.

1993 Associate Professor,
Faculty of Engineering,

1995 The University of Tokushima.
Professor,
Faculty of Engineering,
The University of Tokushima.

1997 Professor,
Graduate School of Engineering,
The University of Tokushima.

2003-present Professor,
The Research Institute for Electronic Science,
Hokkaido University.

2006-2009 Head,
Nanotechnology Research Center,
The Research Institute for Electronic Science,
Hokkaido University.

2009-2013 Director,
Research Institute for Electronic Science,
Hokkaido University.

1998-1999 Representative Researcher,
The Core Research for Industry Creation,
NEDO Community Consortium Research Development.

2000-2001 Representative Researcher,
Community New Technology Creation Research Development,
NEDO Community Consortium Research Development.

2001-2007 Representative Researcher,
Core Research for Evolutional Science and Technology,
Japan Science and Technology Corporation.

2007-2011 Representative,
Strong Photon-Molecule Coupling Fields for Chemical Reactions,
Grant-in-Aid for Scientific Research (KAKENHI) on Priority Area,
MEXT, Japan.

2007-2012 HINTS Hokkaido University Representative,
Hokkaido Innovation through Nanotechnology Support (HINTS),

Nanotechnology Network Project
MEXT, Japan
2012-present Representative,
The development of plasmonic antennae realizing light harvesting/localization
and its application to solar cells,
Grant-in-Aid for Scientific Research (S),
MEXT, Japan.

The history of Research:

1984-1987 Engaged in the research on the photochemistry of organic material.
1988-1991 Engaged in the research on microchemistry.
1993-present Engaged in the research on nano/micro science and technology.

Specific Field: Photochemistry, Laser Process, Nano/Micro Science and Technology.

Awards:

1992 Moet Hennessy Louis Vuitton International Science Award.
2005 Japanese Photochemistry Association Award for 2005.
2006 The Chemical Society of Japan Award for Creative Work.
2013 The Japanese Photochemistry Association Lectureship Award.

Social Activities (Selected)

2006-Present Scientific member, the JSPS FoS Symposium Advisory Board
2008-Present Secretary, The Chemical Society of Japan Hokkaido Branch
2008-Present Adviser, JST-PRESTO “Innovative use of light and materials/life”
2010-Present Committee member, Low-Carbon Research Network, MEXT, Japan
2010-2013 Deputy Editor, Journal of Photochemistry and Photobiology C: Photochemistry
Reviews
2012- Present Academic Committee, Nanotechnology Innovation Center for Environment &
Ecosystem, Harbin Institute of Technology, China
2013-Present President, Asian Nanoscience and Nanotechnology Association
2014-Present President, The Japanese Photochemistry Association
2014-Present Editorial Advisory Board, ACS Photonics