

飯島澄男博士 (Sumio Iijima, Ph.

D.) 簡介



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Director, AIST / NTRC

Senior Research Fellow / NEC Co.

EDUCATION

- B.Sc. in Engineering, University of Electro-Communications, Japan (1963).
- M.Sc. in Physics, Tohoku University, Japan (1965).
- Ph. D. in Physics, Tohoku University, Japan (1968).

PROFESSIONAL POSITIONS

- 1968-1974 Research Associate, Research Institute for Scientific Measurements, Tohoku University, Sendai
- 1970-1977: Research Associate, Department of Physics, Arizona State University, Tempe, Arizona
- 1977-1982: Senior Research Associate, Center for Solid State Science, Arizona State University, Tempe, Arizona
- 1979.3-1979.9: Visiting Senior Scientist, Department of Metallurgy and Materials Science, University of Cambridge, Cambridge
- 1982-1987: Group Leader, ERATO Program, Research Development Corporation of Japan, Nagoya
- 1987-Present: Senior Research Fellow, NEC Corporation, Tsukuba (Joined NEC in 1987 as Senior Principal Researcher)
- 1999-Present: Professor, Meijo University, Nagoya (Visiting Lecturer, 1998 – 1999)
- 2001-Present: Director, Nanotube Research Center, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba
- 2005-Present: Dean, Sungkyunkwan University, Advanced Institute of Nanotechnology (SAINT)
- 2007-Present: Distinguished Invited University Professor of Nagoya University, Nagoya

RESEARCH INTERESTS

- Nano Science
- Materials Science
- Electron microscopy

- Crystallography

HONORS & AWARDS

Academy Members:

- 2007 Foreign Associate of The National Academy of Sciences
- 2009 Foreign Member of The Norwegian Academy of Science and Letters
- 2010 Member of The Japan Academy
- 2012 Foreign Member of The Chinese Academy of Sciences

Typical Awards:

- 1976.8 Bertram Eugene Warren Diffraction Physics Award (The American Crystallography Society)
- 1985.12 Nishina Memorial Award (The Nishina Memorial Foundation, Japan)
- 1997.1 Asahi Award (The Asahi Shinbun Cultural Foundation, Japan)
- 1999.2 Tsukuba Prize (The Science and Technology Promotion Foundation of Ibaraki, Japan)
- 2002.3 J.C.McGroddy Prize for New Materials (American Physical Society, USA)
- 2002.4 Agilent Europhysics Prize (European Physical Society)
- 2002.4 Benjamin Franklin Medal in Physics (The Franklin Institute, USA)
- 2002.6 Japan Academy Award and Imperial Award (The Japan Academy)
- 2003.11 Person of Cultural Merits (Japanese Government)
- 2004.8 The Society's Medal of Achievement in Carbon Science and Technology (The American Carbon Society, USA)
- 2007.6 Fujihara Award (The Fujihara Foundation of Science, Japan)
- 2007.6 Gregori Aminoff Prize in Crystallography 2007 (Royal Swedish Academy of Sciences)
- 2007.11 2007 Balzan Prize for Nanoscience (International Balzan Prize Foundation, Italy)
- 2008.9 The Kavli Prize in Nanoscience 2008 (The Kavli Foundation, Norway)
- 2008.10 The Prince of Asturias Award for Technical Scientific Research 2008 (The Prince of Asturias Foundation, Spain)
- 2009.11 Order of Cultural Merits and Others

Honorary Members (Foreign):

- 2000.11 Fellow, The American Physical Society
- 2001.7 Honorary Fellowship, Royal Microscopy Society
- 2002.5 Honorary Doctor of the University of Antwerp
- 2002.12 Honorary Member, The Crystallographic Society of Japan
- 2003.3 Honorary Doctor of Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 2004.6 Honorary Member, The Japanese Society of Microscopy
- 2005.10 Honorary Professor of Xi'an Jiaotong University
- 2005.11 Honorary Professor of Peking University
- 2007.8 Fellow, The Japan Society of Applied Physics,
- 2009.2 Fellow, Microscopy Society of America
- 2009.3 Honorary Member, The Chemical Society of Japan,
- 2009.6 Honorary Professor of Tsinghua University
- 2009.9 Distinguished Professor of The University of Electro-Communications
- 2010.10 Honorary Professor of Zhejiang University
- 2010.10 Honorary Professor of Southeast University and Others