



Katsuhiko ARIGA, Dr., Prof.

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Dr. Katsuhiko Ariga is the Director of Supermolecules Unit and Principal Investigator of World Premier International (WPI) Research Center for Materials Nanoarchitectonics (MANA), the National Institute for Materials Science (NIMS). He was born in 1962, and received his B.Eng., M.Eng., and Ph.D. degrees from the Tokyo Institute of Technology (TIT). He was Assistant Professor at TIT, worked as a postdoctoral fellow at the University of Texas at Austin, USA, and then served as a group leader in the Supermolecules Project at Japan Science and Technology Agency (JST). Thereafter, Dr. Ariga worked as Associate Professor at the Nara Institute of Science and Technology, and then became involved with the ERATO Nanospace Project at JST. In January 2004, Dr. Ariga moved to NIMS. He was also appointed Professor at several Universities. His research field is based on supermolecular chemistry and surface science, including the boundary research areas of organic chemistry, physical chemistry, biochemistry, and materials chemistry. His major interests are the fabrication of novel functional nanostructures based on molecular recognition and self-assembly, including Langmuir-Blodgett films, layer-by-layer films, and mesoporous materials.

Major Fields: Supramolecular Chemistry, Surface Science, and Nanomaterials

Biographical Data:

1987-1992 Assistant Professor (Tokyo Institute of Technology)
1990-1992 Postdoctoral Researcher (University of Texas at Austin)
1992-1998 JST Group Leader (Supermolecules Project) and CREST Researcher
1998-2001 Associate Professor (Nara Institute of Science and Technology)
2001-2003 JST Group Leader (Nanospace Project)
2004- Director of Supermolecules Group, NIMS
2007- Principal Investigator, MANA, NIMS,
2008- Visiting Professor (Tokyo University of Science)
2011- Visiting Professor (Warsaw University of Technology)

Editorial Activities:

Asian Editor of *Journal of Nanoscience and Nanotechnology*
Asian Editor of *Advanced Science, Engineering, and Medicine*
Asian Editor of *Nanoscience and Nanotechnology Letters*
Associate Editor of *Physical Chemistry Chemical Physics*
Associate Editor of *Science and Technology of Advanced Materials*
Associate Editor of *Chemistry Letters*
Associate Editor of *Bulletin of the Chemical Society of Japan*
Editorial Advisory Board Member of *Chemistry of Materials*
Editorial Advisory Board Member of *Langmuir*
Editorial Advisory Board Member of *ACS Applied Materials & Interfaces*

Major Awards:

Nice-Step Researcher in 2010
(National Institute of Science and Technology Policy, Japan)
AWARD FOR EXCELLENCE, 2011, in the area of Chemical Sciences
(Indian Society of Chemists and Biologists)

Society Activities:

Committee Member of Colloid/Surface Science Division, Chemical Society of Japan.
Vice President of Thin Film Society