

## List of Principal Investigators

Name	Current affiliation (organization, department) and specialties	Academic degree
① AONO, Masakazu	Director-General, International Center for Materials Nanoarchitectonics <u>Specialty on NanoScience and Nanotechnology</u>	Ph.D. Tokyo Univ (1972)
② BANDO, Yoshio	Deputy Director-General, International Center for Materials Nanoarchitectonics International Center for Young Scientists, National Institute for Materials Science ( <b>NIMS</b> ), and Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> <u>Specialty on Nanomaterials and Transmission electron microscope</u>	Ph.D. Osaka University, 1975
③ MUROMACHI, Eiji	Deputy Director-General, International Center for Materials Nanoarchitectonics National Institute for Materials Science ( <b>NIMS</b> ), Advanced Nano Materials Laboratory, <u>Specialty on Solid-State Chemistry and Softchemistry</u>	Ph.D. Tokyo Institute of Technology, 1983
④ SAKKA, Yoshio	Deputy Director-General, International Center for Materials Nanoarchitectonics Nano Ceramics Center, National Institute for Materials Science ( <b>NIMS</b> ), and Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> <u>Specialty on nanopowder technology and ceramics</u>	Dr. Eng. Kyushu University, 1983
⑤ KITAMURA, Kenji	Optronics Material Center, National Institute for Materials Science ( <b>NIMS</b> ), and Interdisciplinary Graduate School of Eng. Sci. Kyushu University <u>Specialty on crystal growth, nonlinear optical materials, ferroelectric materials</u>	Ph.D. Tohoku University 1983

⑥ Hono, Kazuhiro	Magnetic Materials Center, National Institute for Materials Science ( <b>NIMS</b> ), and Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> <u>Specialty on Magnetic nanomaterial, Atom probe</u>	Ph.D. The Pennsylvania State University, 1988
⑦ ARIGA, Katsuhiko	Supermolecules Group, Advanced Nano Materials Laboratory and Organic Nanomaterial Center, National Institute for Materials Science ( <b>NIMS</b> ) <u>Specialty on Supramolecular Chemistry and Surface Science</u>	Dr. (Eng.): Tokyo Institute of Technology, 1990
⑧ OHASHI, Naoki	Optronic Materials Center, National Institute for Materials Science and Faculty of Science and Technology, Tokyo University of Science, major: Optoelectronics of oxide and nitride semiconductors	Ph.D. Tokyo Institute of Technology, Japan (1992)
⑨ HU, Xiao	Computational Materials Science Center, National Institute for Materials Science ( <b>NIMS</b> ), and Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> <u>Specialty on condensed-matter-physics</u>	Ph.D. (Physics), University of Tokyo, 1990
⑩ FUJITA, Daisuke	Advanced Nano Characterization Center, National Institute for Materials Science, Specialty:Advanced nanomaterials characterization	Ph.D. The University of Tokyo,1991
⑪ YE, Jinhua	Photocatalytic Materials Center, National Institute for Materials Science ( <b>NIMS</b> ) <u>Specialty on Photocatalyst, Eco-Materials</u>	Ph.D. The University of Tokyo, 1990
⑫ HASEGAWA, Tsuyoshi	NanoSystem Functionality Center, National Institute for Materials Science ( <b>NIMS</b> ), <u>Nano-devices</u>	Ph.D. (science) The Tokyo Inst. Tech., 1996
⑬ SASAKI, Takayoshi	Nanoscale Materials Center, National Institute for Materials Science ( <b>NIMS</b> ), and Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> , <u>Specialty on nanosheet and softchemistry</u>	Doctor of Science (The University of Tokyo)
⑭ GOLBERG, Dmitri	Nanoscale Materials Center, National Institute for Materials Science( <b>NIMS</b> ), and Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> <u>Specialty on nanotubes and nanowires</u>	Ph.D. Moscow Institute for Ferrous Metallurgy, 1990
⑮ TAKAYANAGI, HIdeaki	Tokyo University of Science, Department of Applied Physics <u>Major: mesoscopic superconductivity and quantum information physics</u>	Ph.D. (science) The University of Tokyo, 1987

⑩	KADOWAKI, Kazuo	Institute of Materials Science, Graduate School of Pure and Applied Sciences, <b>University of Tsukuba</b> : <u>Specialty on Superconductivity and Nanoelectronics</u>	Ph.D. Osaka University, 1980
⑪	NAGASAKI, Yukio	Department of Materials Science and Master's Master's School of Medical Sciences, <b>University of Tsukuba</b> <u>Specialty on Biomaterials and Polymer Chemistry</u>	Ph.D. Tokyo University of Science (1986)
⑫	GIMZEWSKI, James K.	Distinguished Professor, Chemistry & Biochem. Dept., Univ. of California, Los Angeles Director, Nano/Pico Characterization Lab, UCLA California NanoSystems Inst., <u>Specialty on Nanoscience and Nanobio</u>	Ph.D., Physical Chemistry
⑬	JOACHIM Christian*	Centre National de la Recherche Scientifique (CNRS) Lab: CEMES (UPR8011) Toulouse (France) <u>Specialty on Computer science and Nanoscience</u>	PhD in Applied Mathematic PhD in Quantum Physics
⑭	WELLAND, Mark E.	University of Cambridge <u>Specialty on Nanoscience and nanofabrication</u>	PhD (Physics) University of Bristol 1984
21	WANG, Zhong Lin	School of Materials Science and Engineering, Georgia Institute of Technology, <u>Specialty on Nano Chemistry and Nanodevices</u>	Ph.D. Arizona State University, 1987
22	YAGHI, Omar	Dept of Chemistry and Biochemistry, UCLA, USA <u>Specialty on Nanostructure of organic materials</u>	PhD (University of Illinois, 1990)
23	Gerber, Christoph	Scientific Communication of the National Center of Competence for Nanoscale Science at the Institute of Physics, University of Basel, Switzerland <u>Specialty Nanoscience and Nanoengineering using AFM</u>	PhD