

## List of Principal Investigators

- If the number of principal investigators exceeds 10, add columns as appropriate.
- Place an asterisk(\*) by the name of the investigators who are considered to be ranked among the world's top researchers.
- Give age as of 1 April 2012.
- For investigators who cannot participate in the center project from 1 April 2012, indicate the time that their participation will start in the "Notes" column.

Name	Age	Current affiliation (organization, department) and specialties	Academic degree	Notes
① AONO, Masakazu*	67	Nano-System Organization Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on NanoScience and Nanotechnology</u>	Ph.D., The University of Tokyo(1972)	
② BANDO, Yoshio*	64	Inorganic Nanostructures Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Nanomaterials and Transmission electron microscope</u>	Ph.D., Osaka University(1975)	

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③ SASAKI, Takayoshi*	56	Soft Chemistry Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Nanosheet and Softchemistry</u>	Ph.D.(Science), The University of Tokyo, (1986)	
④ GOLBERG, Dmitri*	51	Nanotubes Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on nanotubes and nanowires</u>	Ph.D., Moscow Institute for Ferrous Metallurgy (1990)	
⑤ ARIGA, Katsuhiko*	49	Supermolecules Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Supramolecular Chemistry and Surface Science</u>	Ph.D., (Engineering), Tokyo Institute of Technology(199 0)	

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⑥ CHIKYOW, Toyohiro	52	Nano-Electronics Materials Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Semiconductor and electric materials</u>	Ph.D., Waseda University (1989)	
⑦ NAKAYAMA, Tomonobu	50	Nano Functionality Integration Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Scanning Probe Microscopy and Surface Physics</u>	Ph.D., The University of Tokyo(1999)	
⑧ HASEGAWA, Tsuyoshi	49	Atomic Electronics Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Nano-devices</u>	Ph.D. (science) , Tokyo University of Science(1996)	

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⑨ HU, Xiao	50	Nano-System Theoretical Physics Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on condensed-matter- physics</u>	Ph.D., (Physics), The University of Tokyo(1990)	
⑩ TSUKAGOSHI, Kazuhito	44	$\pi$ -Electron Electronics Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Nano electronics</u>	Ph.D., Osaka University(1995)	
⑪ UOSAKI, Kohei*	65	Nano Interface Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Surface Physical Chemistry</u>	Ph.D., The Flinders University of South Australia(1977)	

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⑫ YE, Jinhua*	49	Nano Photocatalyst Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Photocatalyst, Eco-Materials</u>	Ph.D., The University of Tokyo(1990)	
⑬ TAKADA, Kazunori*	50	Soft Ionics Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Solid-state chemistry</u>	Ph.D., Osaka City University(1991)	
⑭ YAGHI, Omar*	47	Dept. of Chemistry and Biochemistry, UCLA, USA, <u>Specialty on Inorganic Chemistry</u>	Ph.D., University of Illinois-Urbana(1990)	

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⑮ AOYAGI, Takao*	52	Biomaterials Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Biomaterials</u>	Ph.D., Tokyo Institute of Technology (1993)	
⑯ CHEN, Guoping	46	Tissue Regeneration Materials Unit, International Center for Materials Nanoarchitectonics (MANA), National Institute for Materials Science (NIMS), <u>Specialty on Biomaterials and Tissue Engineering</u>	Ph.D., Kyoto University(1997)	
⑰ WANG, Zhong Lin *	50	School of Materials Science and Engineering, Georgia Institute of Technology, USA	Ph.D., Arizona State University(1987 )	Satellite PI, Georgia Institute of Technology

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<p>⑱ GIMZEWSKI, James K.*</p>	<p>60</p>	<p>Chemistry &amp; Biochemistry Department, UCLA, USA, <u>Specialty on Nanoscience and Nanobio</u></p>	<p>Ph.D., (Physical Chemistry), University of Strathclyde, Glasgow(1977)</p>	<p>Satellite Co-Director, UCLA, USA</p>
<p>⑲ WELLAND, Mark E.*</p>	<p>56</p>	<p>Campridge Nanoscience Centre, University of Cambridge, UK, <u>Specialty on Nanoscience and nanofabrication</u></p>	<p>Ph.D., (Physics), University of Bristol(1984)</p>	<p>Satellite Co-Director, Univ. Cambridge, UK</p>
<p>⑳ JOACHIM, Christian*</p>	<p>54</p>	<p>CEMES, Centre National de la Recherche Scientifique (CNRS), France, <u>Specialty on Computer science and Nanoscience</u></p>	<p>Ph.D. Ecole Nationale de l'Aeronautique et de l'Espace (Sup'Aero) (1985)</p>	<p>Satellite PI, CNRS, France</p>

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TAKAYANAGI, Hideaki*	60	The Department of Applied Physics, Faculty of Science, Tokyo University of Science, <u>Specialty on mesoscopic superconductivity and quantum information physics</u>	Ph.D.(science), The University of Tokyo (1987)	Satellite PI, Tokyo University of Science
KADOWAKI, Kazuo*	59	Graduate School of Pure and Applied Sciences University of Tsukuba, <u>Specialty on Superconductivity and Nanoelectronics</u>	Ph.D., Osaka University(1980)	Satellite PI, Univ. of Tsukuba
NAGASAKI, Yukio*	52	Graduate School of Pure and Applied Sciences University of Tsukuba, <u>Specialty on Biomaterials and Polymer Chemistry</u>	Ph.D., Tokyo University of Science (1986)	Satellite PI, Univ. of Tsukuba

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WINKNIK, M. Francoise*	59	Faculty of Pharmacy and Department of Chemistry, University of Montreal, Canada, <u>Specialty on Polymer Chemistry and Photochemistry</u>	Ph.D.(Chemistr y), ,University of Toronto(1979)	Satellite PI, Universit é de Montréal
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