

(Appendix 1)

(Compile two versions: in English and in Japanese)

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 October 2007.
- For investigators who cannot participate in the center project from its beginning, indicate the time that their participation will start in the "Notes" column.

Name	Age	Current affiliation (organization, department) and specialties	Academic degree	Notes
① Akihisa Inoue *	60	Tohoku University, University-Professor	Materials Science/Dr. of Engineering	
② Takashi Takahashi *	56	Tohoku University, Graduate School of Science, Department of Physics, Professor	Solid-State Physics/Dr. of Science	
③ Masashi Kawasaki *	45	Tohoku University, Institute for Materials Research, Superstructured Thin Film Chemistry, Professor	Solid State Chemistry and Physics/Dr. of Engineering	
④ Kingo Itaya *	59	Tohoku University, Graduate School of Engineering, Department of Applied Chemistry, Professor	Electrochemistry of Nano-Materials, Solid:Liquid Interfaces with atomic resolution, Crystal Growth with molecular level/Ph.D	
⑤ Kazuyoshi Yamada *	58	Tohoku University, Institute for Materials Research, Neutron and γ -Ray Spectroscopy on Condensed Matters, Professor	Solid-State Physics/Dr. of Science	
⑥ Katsumi Tanigaki *	53	Tohoku University, Graduate School of Science, Department of Physics, Professor	Nano Materials Science/Dr. of Engineering	
⑦ Tadahiro Ohmi *	68	Tohoku University, New Industry Creation Hatchery Center, Industry Creation Section, Professor	Semiconductor electronic engineering, Ultra-clean processing technology/Dr. of Engineering	
⑧ Masayoshi Esashi *	58	Tohoku University, Graduate School of Engineering, Micro/Nanomachining Research and Education Center, Professor	Sensors, Micro Electro Mechanical Systems and Medical/Dr. of Engineering	
⑨ Masataka Nakazawa *	55	Tohoku University, Research Institute of Electrical Communication, Broadband Engineering Division, Professor	Optical Communication/Dr. of Engineering	
⑩ Terunobu Miyazaki *	64	Tohoku University, Graduate School of Engineering, Visiting Professor	Magnetic Properties of Materials/Dr. of Engineering	

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Name	Age	Current affiliation (organization, department) and specialties	Academic degree	Notes
⑪ Michio Tokuyama	58	Tohoku University, Institute of Fluid Science, Complex Flow Division, Professor	Statistical Physics/Dr. of Science	
⑫ Masatsugu Shimomura	53	Tohoku University, Institute of Multidisciplinary Research for Advanced Materials, Division of Materials Design, Professor	Polymer Science/Dr. of Engineering	
⑬ Masahiko Yamaguchi	52	Tohoku University, Graduate School of Pharmaceutical Sciences, Department of Organic Chemistry, Professor	Organic Chemistry/Dr. of Science	
⑭ Tadafumi Adschiri	50	Tohoku University, Institute of Multidisciplinary Research for Advanced Materials, Division of Advanced System, Professor	Hybrid materials, Supercritical Fluid Technology/Dr. of Engineering	
⑮ CHEN Mingwei	41	Tohoku University, Institute for Materials Research, International Frontier Center for Advanced Materials, Professor	Materials Science/Dr. of Engineering	
⑯ Toshio Nishi *	65	Tokyo Institute of Technology, Graduate School of Science and engineering, Department of Organic and Polymeric Materials, Professor	Polymer Physics, Polymer Nanotechnology and Megatechnology/Dr. of Engineering	
⑰ Masaru Tsukada *	64	Waseda University, Graduate School of Advanced Science and Engineering, Professor	Theory of Surface and Nano Structures/Dr. of Science	
⑱ Tomihiro Hashizume *	50	Bio and Measurement Systems Laboratory, Advanced Research Laboratory, Hitachi, Ltd.	Surface Physics/Ph.D	
⑲ Yuichi Ikuhara	48	The University of Tokyo, School of Engineering, Institute of Engineering Innovation, Professor	Physical Metallurgy/Dr. of Engineering	
⑳ Max G. Lagally *	65	University of Wisconsin-Madison, Department of Materials Science and Engineering and Department of Physics	Surface Science & Technology/Ph.D	

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②1 Alain Reza Yavari *	57	Grenoble Institute of Technology	Physical Metallurgy/Ph.D	
②2 Rudolf M.Tromp *	53	IBM Thomas J.Watson Research Center	Surface Science & Technology/Ph.D	
②3 Thomas P.Russell *	53	University of Massachusetts, Polymer Science and Engineering Department	Polymer Science and Engineering/Ph.D	
②4 Tomas Gessner	53	Chemnitz University of Technology, Center for Microtechnologies	Device Science/Technology/Ph.D	
②5 Alexander Shluger *	53	University College London, Department of Physics and Astronomy	Computational Materials Science, Condensed Matter Physics/Ph.D	
②6 Alan Lindsay Greer *	52	University of Cambridge, Department of Materials Science & Metallurgy	Metallurgy & Materials Science/Ph.D	
②7 Li-Jun Wan *	50	Chinese Academy of Sciences, Institute of Chemistry	SPM, Physical Chemistry, Nanoscience and technology/Ph.D	
②8 Paul S.Weiss *	47	The Pennsylvania State University, Departments of Chemistry and Physics	Surface Science/Ph.D	
②9 Kevin J. Hemeker *	45	Johns Hopkins University, Department of Mechanical Engineering	Physical Metallurgy/Ph.D	
③0 Qi kun Xue *	43	Tsinghua University, Department of Physics, Professor	Surface Science/Ph.D	