

Research field	Type	Position	Name	Affiliation	Tentative Title	Authors
	Keynote	Prof.	Klaus von Klitzing	The Nobel Prize in Physics 1985 Director/ Max Planck Institute for Solid State Research	Two-dimensional carbon devices	Klaus von Klitzing
Nanomaterials (8)	Invite	Prof.	Anthony K. Cheetham	Univ. of Cambridge	Novel materials for light conversion	Anthony K. Cheetham
	Invite	Prof.	Nobuo Kimizuka	Kyushu University Faculty of Engineering	Self-Assembly and Interfacial Characteristics of Soft-Coordination Systems	Nobuo Kimizuka
	PI	Dr.	Katsuhiko Ariga	NIMS	Hand-Operating Nanotechnology: Supramolecular Trick	Katsuhiko Ariga
	PI	Dr.	Dmitri Golberg	NIMS	Nanotube Strength Probed in TEM	Dmitri Golberg, Mingsheng Wang, Xianlong Wei, Yoshio Bando
	Satellite PI	Prof.	Zhong Lin Wang	GIT	Piezotronics and Piezo-phototronics	Zhong Lin Wang
	MANA Scientist	Dr.	Kentaro Tashiro	NIMS	MOCAs	Kentaro TASHIRO, Vairaprakash POTHAPPAN, Hisanori UEKI, Alejandro M. FRACAROLI, Omar M. YAGHI
	Independent Scientist	Dr.	Masayoshi Higuchi	NIMS	Electrochromic Display Devices with Organic-Metallic Hybrid Polymers	Masayoshi Higuchi
	Independent Scientist	Dr.	Alexei Belik	NIMS	Synthesis and Characterization of Indium-Based Perovskites	Alexei A. Belik, Takao Furubayashi, Yoshitaka Matsushita, Masahiko Tanaka, Shunichi Hishita, Hitoshi Yusa, Eiji Takayama-Muromachi
Nanosystem (8)	Invite	Prof.	Qikun Xue	Professor and Chair, Department of Physics Dean, School of Sciences, Tsinghua University	Novel properties of topological insulator thin films of Bi2Te3 and Bi2Se3 prepared by molecular beam epitaxy	Qikun Xue
	Invite	Prof.	Lars Samuelson	Head of the Nanometer Structure Consortium at Lund University	Semiconductor Nanowires: from Materials Physics to Device Applications	Lars Samuelson
	Invite	Prof.	Sergio Rezende	Universidade Federal de Pernambuco, Brasil	Spin pumping dc voltage in Py/Pt: Theory and Experiment	A. Azevedo, L. H. Vilela-Leão and S. M. Rezende (presenter)
	Satellite PI	Prof.	James K. Gimzewski	UCLA	Self-organized Critical Electronics Using Fractally Wired Atom Switches	Adam Z. Stieg1,2, Audrius Avizienis3, Henry Sillin3, Cristina Martin-Olmos3, Mazakazu Aono2 and James K. Gimzewski (presenter)1,2,3
	PI	Dr.	Tsuyoshi Hasegawa	NIMS	New Types of Atomic Switches for Beyond von Neumann Computer	T. Hasegawa, T. Tsuruoka, K. Terabe and M. Aono
	PI	Dr.	Daisuke Fujita	NIMS	Novel Synthesis and Nanoscale Characterization of Single-layer Graphene	Daisuke Fujita, Mingsheng Xu, Hongxuan Guo, and Jianghua Gao
	MANA Scientist	Dr.	Masanori Kohno	NIMS	Spectral properties near the Mott transition in one-dimensional electron systems	Masanori Kohno
	Independent Scientist	Dr.	Tadaaki Nagao	NIMS	Electromagnetic standing waves in nano-objects	T. Nagao, C.V. Hoang, G. Han, M. Oyama
	Independent Scientist	Dr.	Naoki Fukata	NIMS	Doping and characterization of boron and phosphorus atoms in Ge nanowires	Naoki Fukata, Keisuke Sato, Masanori Mitome, Yoshio Bando, Takashi Sekiguchi, Melanie Kirkham, Jung-il Hong, Zhong Lin Wang and Robert L. Snyder
Nanogreen (6)	Invite	Prof.	Michael R. Wasielewski	Clare Hamilton Hall Professor of Chemistry Northwestern University	Self-Assembled Organic Nanostructures for Solar Energy Conversion	Michael R. Wasielewski
	Invite	Prof.	Susumu Kitagawa	Deputy Director/ Kyoto University WPI	Integrated Functional Pores by Soft Porous Crystals	Susumu Kitagawa
	PI	Dr.	Kazunori Takada	NIMS	Interfacial design Interfacial design in solid-state lithium battery	Kazunori Takada
	PI	Dr.	Enrico Traversa	NIMS	Improving the performance of intermediate temperature solid oxide fuel cells based on BaZrO3 proton conducting electrolytes	Enrico Traversa
	MANA Scientist	Dr.	Hidenori Noguchi	NIMS	Structure of water at electrochemical interfaces studied by sum frequency generation spectroscopy	Hidenori Noguchi and Kohei Uosaki
	MANA Scientist	Dr.	Masatoshi Yanagida	NIMS	New structure of Dye-Sensitized Solar Cells with Back Contact Electrode	Masatoshi Yanagida
Nano-Bio (6)	Invite	Prof.	Allan S. Hoffman	Univ. of Washington	Smart Polymers in Biotechnology	Allan S. Hoffman, Patrick S. Stayton, Craig L. Duvall, Anthony Convertine, Danielle S. Benoit, James Lai and John Hoffman
	Invite	Prof.	Francoise M. Winnik	Univ. of Montreal	Quantum dots and gold nanoparticles: a mechanistic study of the factors affecting their cytotoxicity	F. M. Winnik, D. Maysinger*E. Hutter and A. Moquin
	PI	Dr.	Takao Aoyagi	NIMS	Progress of Nano-Bio Field	Takao Aoyagi
	Satellite PI	Prof.	Yukio Nagasaki	University of Tsukuba	Nanoparticle-assisted Neutron Capture Therapy	Yukio Nagasaki
	MANA Scientist	Dr.	Akiko Yamamoto	NIMS		
	Independent Scientist	Dr.	Jun Nakanishi	NIMS	Cell Patterning Technology Based on Photocleavable Compounds	Jun Nakanishi
ICYS (8)	ICYS-MANA	Dr.	Xiaoseng Fang	NIMS	Novel ZnS nanostructures: From synthesis to applications	Xiaosheng Fang, Yoshio Bando, Ujjal K. Gautam, Tianyou Zhai, Liang Li, Meiyong Liao, and Dmitri Golberg
	ICYS-MANA	Dr.	Pavuluri Srinivasu	NIMS	Novel Approach for the Development of Multifunctional Nanostructures	Pavuluri Srinivasu, M. Kikuchi, T. Mori, T. Sasaki, Y. Miyahara
	ICYS-MANA	Dr.	Tatsuo Shibata	NIMS	Nano-interface engineering for deposition control of oxide thin films -Two-dimensional nanosheet seed layer technique-	atsuo Shibata and Takayoshi Sasaki
	ICYS-MANA	Dr.	Genki Yoshikawa	NIMS	Nanomechanical Membrane-type Surface Stress Sensor (MSS)	Genki Yoshikawa, Terunobu Akiyama, Sebastian Gautsch, Peter Vettiger, and Heinrich Rohrer
	ICYS-Sengen	Dr.	Yufang Zhu	NIMS	Hollow Mesoporous Silica Spheres for Drug Delivery	Yufang Zhu, Nobutaka Hanagata
	ICYS-Sengen	Dr.	Qingsong Mei	NIMS	Fabrication of graded nano-micro-structured surface layer on metallic materials by surface severe plastic deformation	Qingsong Mei, Koichi Tsuchiya, Kaneaki Tsuzaki
	ICYS-Sengen	Dr.	Xudong Yang	NIMS	The recombination of photo generated excited states in Dye-sensitized Solar Cells	Xudong YANG, Liyuan HAN and Kunie ISHIOKA
	ICYS-Sengen	Dr.	Hiroyuki Takeda	NIMS	Numerical Analysis of Population Switching of Two-Level Quantum Dots in Photonic Crystals	Hiroyuki Takeda and Sajeev John

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