

2nd (FY2005) JSPS Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE
Humanities and Social Sciences	AKIYAMA, Akira	Associate Professor, Faculty of Education, Tokyo Gakugei University	Studies on German Art in the Age of Dürer
	TOMONAGA, Masaki	Associate Professor, Primate Research Institute, Kyoto University	Comparative Studies on Primate Foundation of Human Cognition and Development
	NISHIDA, Shin'ya	Senior Research Scientist, Supervisor, NTT Communication Science Laboratories, Nippon Telegraph and Telephone Corporation	Psychophysical Study on the Mechanism of Information Processing in Human Visual Perception
	HOSHI (HAMADA), Izumi	Associate Professor, Research Institute for Languages and Cultures of Asia and Africa, Tokyo University of Foreign Studies	Descriptive Linguistics of Modern Tibetan (Lhasa Dialect)
	MATSUI, Akihiko	Professor, Faculty of Economics, The University of Tokyo	Game Theoretic Approach to Interpret General Social Phenomena
	MORIYAMA, Mikihiro	Professor, Faculty of Foreign Studies, Nanzan University	The Formation of the Modern Sundanese Literature: A Cultural History
Mathematics; Physical Sciences; Chemistry; Engineering Sciences	ANDO, Yoichi	Senior Research Scientist, Materials Science Research Laboratory, Central Research Institute of Electric Power Industry	Research on Competing Electronic Phases and Hidden Order in High-Temperature Superconductors
	IMAHORI, Hiroshi	Professor, Graduate School of Engineering, Kyoto University	Applications of Carbon Nanostructures for Artificial Photosynthesis
	KAGEYAMA, Akira	Group Leader, Earth Simulator Center, Japan Agency for Marine-Earth Science and Technology	Pioneering Research on Geomagnetic Field by Computer Simulation"
	KOSHIZUKA, Seiichi	Professor, Graduate School of Engineering, The University of Tokyo	Development of a Particle Method for Multi-physics Simulations
	KODAMA, Ryosuke	Professor, Graduate School of Engineering, Osaka University	Study on an Advanced Concept of Laser Fusion Ignition using Plasma Photonic Devices
	TAHARA, Tahei	Chief Scientist, RIKEN (The Institute of Physical and Chemical Research)	Studies of Molecular Dynamics in the Condensed Phase by Ultrafast Time-Resolved Spectroscopy
	NAKAJIMA, Hiraku	Professor, Graduate School of Science, Kyoto University	Revolutionary Development of Geometric Representation Theory
	BABA, Toshihiko	Professor, Graduate School of Engineering, Yokohama National University	Nanostructure Optoelectronics based on Photonic Crystals and Silicon Photonics
	MATSUOKA, Satoshi	Professor, The Global Scientific Information and Computing Center, Tokyo Institute of Technology	Modeling and Evaluating Massively-Scaled Parallel Scientific Application on Grids
YOKOO, Makoto	Professor, Graduate School of Information Science and Electrical Engineering, Kyushu University	Research on Distributed Constraint Satisfaction Problem in Multi-Agent System	
Biological Sciences; Agricultural Sciences; Medical, Dental, Pharmaceutical Sciences	AMAGAI, Masayuki	Professor, School of Medicine, Keio University	Elucidation of Pathophysiological Mechanism of Autoimmune Skin Disease, Pemphigus, and Development of a New Mouse Model
	IGARASHI, Kazuhiko	Professor, Graduate School of Medicine, Tohoku University	Discovery of the Bach Transcription Factors and Elucidation of Their Function in Cell Differentiation and Body Defenses
	TAKEDA, Shigenobu	Associate Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo	Studies on the Role of Iron as a Key Nutrient Regulating Primary Production of Phytoplankton in the Ocean
	TACHIBANA, Hirofumi	Associate Professor, Faculty of Agriculture, Kyushu University	Studies on Molecular Mechanisms for the Physiological Function of Tea Substances
	NOJI, Hiroyuki	Professor, Institute of Scientific and Industrial Research, Osaka University	Frontier Biochemistry of ATP Synthase by Manipulating Single Molecules
	MA, Jian Feng	Professor, Research Institute for Bioresources, Okayama University	Studies on Tolerance Mechanisms of Mineral Stresses in Higher Plants
	YAMAZAKI, Kenji	Assistant Professor, Department of Cardiovascular Surgery, Tokyo Women's Medical University	Development of an Implantable Centrifugal Blood Pump for Long-term Circulatory Support in Heart Failure
	WATANABE, Yoshinori	Professor, Institute of Molecular and Cellular Biosciences, The University of Tokyo	Mechanisms that Lead to the Difference in Equational and Reductional Chromosome Segregation