

4th (FY2007) JSPS Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE
Humanities and Social Sciences	AOYAMA, Kazuo	Professor, The College of Humanities, Ibaraki University	Study on Classic Maya Domestic Lives and Political and Economic Organization
	ISHIKAWA, Yoshihiro	Associate Professor, Institute for Research in Humanities, Kyoto University	History of the Chinese Communist Party, and the Modern Sino-Japanese Cultural Interactions
	IWASHITA, Akihiro	Professor, Slavic Research Center, Hokkaido University	Russian Foreign Policy and Sino-Russian Relations
	KIKUSAWA, Ritsuko	Associate Professor, National Museum of Ethnology, National Institutes for the Humanities	Diachronic Studies of Austronesian Languages and Cultures
	NOZAKI, Daichi	Associate Professor, Graduate School of Education, The University of Tokyo	Neural Mechanism of Motor Control and Learning in Human Movement
Mathematics; Physical Sciences; Chemistry; Engineering Sciences	ISHIBUCHI, Hisao	Professor, Graduate School of Engineering, Osaka Prefecture University	Pioneering Research for the Advancement of Computational Intelligence
	OHKOSHI, Shin-ichi	Professor, Graduate School of Science, The University of Tokyo	Design and Demonstration of New Magnetic Properties Based on Magneto Chemistry
	OHTSUKI, Tomotada	Associate Professor, Research Institute for Mathematical Sciences, Kyoto University	Invariants of Knots and 3-Dimensional Manifolds
	OKABE, Satoshi	Associate Professor, Graduate School of Engineering, Hokkaido University	Analysis of Complex Microbial Community Structure and Function in Multispecies Biofilms
	OKI, Taikan	Professor, Institute of Industrial Science, The University of Tokyo	Predicting the Variations of Global Hydrological Cycles and the Balance of World Water Resources
	OSHIKAWA, Masaki	Professor, The Institute for Solid State Physics, The University of Tokyo	New Insight on Magnetic and Transport Properties in Quantum Many-Body Systems"
	TABATA, Hitoshi	Professor, Graduate School of Engineering, The University of Tokyo	Studies on Fusion Electronics of Nano-Bio and Oxide Artificial Superlattices
	NISHIZAKA, Takayuki	Associate Professor, Faculty of Science, Gakushuin University	Single-Molecule Studies of Structure-Function Coupling in Protein Machines
	HAZUMI, Masashi	Professor, Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization	Discovery of CP Violation in B Mesons
	MATSUMOTO, Makoto	Professor, Graduate School of Science, Hiroshima University	Development of Practically Ideal Random Number Generator
Biological Sciences; Agricultural Sciences; Medical, Dental, Pharmaceutical Sciences	ASHIKARI, Motoyuki	Professor, Bioscience and Biotechnology Center, Nagoya University	Identification of the Gene Regulates for Grain Production and Application of the Gene for Crop Breeding
	TSUKAYA, Hirokazu	Professor, Graduate School of Science, The University of Tokyo	Studies on Mechanisms of Leaf Morphogenesis
	NAKADA, Kazuto	Associate Professor, Graduate School of Life and Environmental Sciences, University of Tsukuba	Elucidation of the Pathogenic Mechanisms in Mitochondrial DNA-Based Diseases
	HAYASHI, Yasunori	Unit Leader, RIKEN Brain Science Institute Assistant Professor, RIKEN-MIT Neuroscience Research Center, The Picower Institute for Learning and Memory, Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology	Molecular Mechanisms of Hippocampal Synaptic Plasticity
	HIRAO, Atsushi	Professor, Cancer Research Institute, Kanazawa University	Molecular Mechanisms for Maintenance of Hematopoietic Stem Cell Pool
	FUKATSU, Takema	Group Leader, Institute for Biological Resources and Functions, National Institute of Advanced Industrial Science and Technology	Studies on Insect-Microbe Symbiotic Systems
	FUJIWARA, Toru	Associate Professor, Biotechnology Research Center, The University of Tokyo	Discovery of Boron Transporters from Plants
	MIZUSHIMA, Noboru	Professor, Graduate School and Faculty of Medicine, Tokyo Medical and Dental University	Studies on the Molecular Mechanism of Autophagy and its Implications for Protein Metabolism