

9th (FY2012) JSPS Prize recipients

Research Areas	NAME	AFFILIATION	RESEARCH TITLE
Humanities and Social Sciences	IKEMOTO Daisuke	Associate Professor, Faculty of Law, Meiji Gakuin University	European Monetary Integration 1970-79: British and French Experiences
	OKI Sayaka	Associate Professor, Graduate School of Integrated Arts and Sciences, Hiroshima University	A Study on the French Royal Academy of Science from the Viewpoints of History of Science and Technology and Social History
	TAKAHASHI Hidehiko	Associate Professor, Graduate School of Medicine, Kyoto University	Interdisciplinary Research on the Neural Mechanism of Emotional Decision-Making
	HIRAI Hiroshi	Research Fellow, Center for the History of Philosophy and Science, Radboud University	Historical Studies on Life and Matter Theories in Renaissance and Early Modern Europe
	MATSUSHIMA Noriaki	Professor, Institute of Social and Economic Research, Osaka University	Theoretical Analysis of Industrial Organization
Mathematics; Physical Sciences; Chemistry; Engineering Sciences	ASAI Shoji	Associate Professor, Graduate School of Science, the University of Tokyo	Study of Higgs Particle Using the Energy-Frontier Collider LHC
	OIKAWA Katsunari	Associate Professor, Graduate School of Engineering, Tohoku University	Phase Diagrams Using Computational Thermodynamic and Its Application for New Alloy Development
	OHTOMO Akira	Professor, Graduate School of Science and Engineering, Tokyo Institute of Technology	Metallic Conduction at Well-Defined Insulating Oxide Interface
	OGI Hirotsugu	Associate Professor, Graduate School of Engineering Science, Osaka University	Development of Ultrasensitive Thin-Film Oscillator Biosensor
	KAWARABAYASHI Ken-ichi	Professor, Principles of Informatics Research Division, National Institute of Informatics, Research Organization of Information and Systems	Application of Advanced Graph Theory to Discrete Mathematics and Theoretical Computer Science
	SUZUKI Tsutomu	Professor, Graduate School of Engineering, the University of Tokyo	Direct Analysis of RNA Molecules by Mass Spectrometry Approaches Biological Processes
	SUMII Eijiro	Associate Professor, Graduate School of Information Sciences, Tohoku University	Proof Method of Program Equivalence by Environmental Bisimulation
	TSUKAGOSHI Kazuhito	Principal Investigator, International Center for Materials Nanoarchitectonics, National Institute for Materials Science	Nano-Electronics Researches Based on Electrical Conduction Control in Nano-Carbon Conductors
	NAKANISHI Kenji	Associate Professor, Graduate School of Science, Kyoto University	Energy Concentration and Nonlinear Scattering Theory for Nonlinear Wave and Dispersive Equations
	NIIKURA Hiromichi	Associate Professor, Faculty of Science and Engineering, Waseda University	Dynamical Measurements of Molecular Wavefunctions with Attosecond Time-Resolution
	MURAKAMI Shuichi	Professor, Graduate School of Science and Engineering, Tokyo Institute of Technology	Theoretical Study of the Spin-Hall Effect and the Quantum Spin-Hall Effect
YAMAGUCHI Shigehiro	Professor, Research Center for Materials Science, Nagoya University	Creation and New Functions of π -Electron Materials with Main Group Elements	
Biological Sciences; Agricultural Sciences; Medical, Dental, Pharmaceutical Sciences	IKAWA Masahito	Professor, Research Institute for Microbial Diseases, Osaka University	Study on Reproductive Medicine Using Genetically Manipulated Animals
	IKEGAYA Yuji	Associate Professor, Graduate School of Pharmaceutical Sciences, the University of Tokyo	Clarification of the Cooperation Principle of Brain Circuitry Systems Using Functional Imaging
	INOUE Akira	Associate Professor, Clinical Research, Innovation and Education Center, Tohoku University Hospital	Individualized Treatment for Advanced Lung Cancer with Molecular Targeting Agents
	KAIFU Yosuke	Senior Researcher, Department of Anthropology, National Museum of Nature and Science	Studies on Human Evolution and Dispersal in Asia
	KASAHARA Hiroyuki	Senior Research Scientist, Plant Science Center, RIKEN	Elucidation of the Main Auxin Biosynthesis Pathway in Plants
	TANAKA Motomasa	Team Leader, Brain Science Institute, RIKEN	Understanding Biological Phenomena Caused by Protein Misfolding and Aggregation
	NOJIRI Hideaki	Associate Professor, Biotechnology Research Center, the University of Tokyo	Molecular Bases of Xenobiotic-Degrading Capacity of Environmental Bacteria