

8th (FY2011) JSPS Prize recipients

| Research Areas   | NAME   | AFFILIATION   | RESEARCH TITLE   |
|--|--|---|--|
| Humanities and Social Sciences   | AOYAMA Waka  | Associate Professor, Research Faculty of Media and Communication, Hokkaido University                               | An Ethnographic Study of Poverty in the Philippines: Socio-Economic Life of the Sama-Bajau in Davao City   |
|  | ICHI Hiroki  | Associate Professor, Graduate School of Letters, Osaka University   | Wooden Tablets and the Transportation System in Ancient Japan  |
|  | KUWAKINO Koji  | Associate Professor, Graduate School of Letters, Osaka University   | Issues in Mnemonics and Visual Representation of Architectural Space in Modern Italy   |
|  | HIRATA Satoshi   | Program-Specific Associate Professor, Primate Research Institute, Kyoto University                                  | Quest for the Evolutionary Origins of Social Intelligence Through the Comparative Cognitive Studies in Humans and Chimpanzees                      |
|  | MIYAKE Kiyoshi   | Associate Professor, Institute for Research in Humanities, Kyoto University   | A History of the Penal System in Ancient China   |
|  | MORIGUCHI Chiaki   | Professor, Institute of Economic Research, Hitotsubashi University  | Comparative Historical Analysis of Institutional Developments in the USA and Japan   |
| Mathematics; Physical Sciences; Chemistry; Engineering Sciences                      | ONO Teruo  | Professor, Institute for Chemical Research, Kyoto University  | The Basic and Applied Research of Spin-Devices Based on Nano-Magnetic Materials  |
|  | KATSUMI Takeshi  | Professor, Graduate School of Global Environmental Studies, Kyoto University  | Performance-Based Approach for Preservation and Remediation of Geo-Environment   |
|  | KUMAGAI Takashi  | Professor, Research Institute for Mathematical Sciences, Kyoto University   | Analysis and Theory of Stochastic Processes on Disordered Media  |
|  | SHINOKUBO Hiroshi  | Professor, Graduate School of Engineering, Nagoya University  | Development of Novel Synthetic Methods of Functional Porphyrins  |
|  | SUENAGA Kazutomo   | Prime Senior Researcher, Nanotube Research Center, National Institute of Advanced Industrial Science and Technology | Observation and Analysis of Single-Molecule and Single-Atom by Electron-Microscope   |
|  | TAKAI Ken  | Program Director, Institute of Biogeosciences, Japan Agency for Marine-Earth Science and Technology                 | Study on the Extremobiosphere Driven by the Principal Biogeochemical Interactions, the Limits of Life and the Early Evolution of Life in the Earth |
|  | TANAKA Takahiro  | Professor, Yukawa Institute for Theoretical Physics, Kyoto University   | Gravity of Brane-World   |
|  | TSUMOTO Kouhei   | Professor, Institute of Medical Science, The University of Tokyo  | Dissection of Protein Interactions for Innovations   |
|  | NAKANO Takayoshi   | Professor, Graduate School of Engineering, Osaka University   | Novel Materials Scientific Study on Bone Microstructure and Biomaterials for Bone Replacement  |
|  | NISHIBAYASHI Yoshiaki  | Associate Professor, Graduate School of Engineering, The University of Tokyo  | Development of New System for Nitrogen Fixation Using Transition Metal Complexes   |
| MATSUURA Kazunori  | Associate Professor, Graduate School of Engineering, Kyushu University | Construction of Artificial Nanostructures Through Self-Assembly of DNA or Peptides                                  |  |
| Biological Sciences; Agricultural Sciences; Medical, Dental, Pharmaceutical Sciences | IEDA Masaki  | Project Assistant Professor, School of Medicine, Keio University  | Mechanisms of Heart Development and Regeneration   |
|  | INABA Kenji  | Associate Professor, Medical Institute of Bioregulation, Kyushu University  | Clarification of Disulfide Linkage and Cleavage Systems Involved in Quality Control of Cellular Proteins   |
|  | URANO Yasuteru   | Professor, Graduate School of Medicine, The University of Tokyo   | Development of Innovative Fluorescence Probes for Live Imaging of Tumors and Cellular Responses  |
|  | KINOSHITA Kengo  | Professor, Graduate School of Information Sciences, Tohoku University   | Prediction of Functions for the Genes with Unknown Functions Through Bioinformatics  |
|  | TAKAYA Naoki   | Professor, Faculty of Life and Environmental Sciences, University of Tsukuba  | Diversity of Electron-Transferring Systems in Filamentous Fungi  |
|  | TOMARI Yukihide  | Associate Professor, Institute of Molecular and Cellular Biosciences, The University of Tokyo                       | Molecular Dissection and Application of Small RNA Mechanisms   |
|  | NISHIMURA Emi  | Professor, Medical Research Institute, Tokyo Medical and Dental University  | Identification of Melanocyte Stem Cells and Mechanisms for their Maintenance and Aging   |