

2. Awards

The 5th Particel Accelerator Society of Japan Award for Young Scientists
TAKAI Ryota (KEK-PF)
“Design and Construction of a Nonneutral Plasma Trap System for the Study of Beam Physics” [1, 2]

The 15th Young Scientist Award of Nagakura Research Incentive Award
RAHIGHI Simin (SOKENDAI)
“Structural and biochemical studies on ubiquitin signaling in the NF- κ B pathway” [3]
The main part of this work was carried out at BL-17A, 5A, 6A, NW12A.

Nobel Prize in Chemistry 2009
YONATH E. Ada (Weizmann Inst. Sci.)
“Studies of the Structure and Function of the Ribosome”

The Japan Bioscience, Biotechnology and Agrochemistry Society Award for the Encouragement of Young Scientists, 2010
FUJIMOTO Zui (Natl. Inst. Agrobiol. Sci.)
“Structural Biology of Glycoside Hydrolases Acting on the Plant Polysaccharides”
The main part of this work was carried out at BL-17A, 5A, 6A, NW12A.

Chemical Society of Japan Kanto Branch Student Presentation Award
MITANI Yu (Chiba Univ.)
“Monitoring of Photochemical Self-Assembly of $[\text{Mo}_7\text{O}_{24}]^{6-}$ to $\{\text{Mo}_{142}\}$ -Blue Nanoring by using Mo K-edge XAFS” [4]
The main part of this work was carried out at AR-NW10A.

4th International Conference on Environmental Science and Technology, Conference Paper Award
MASHIH Dilshad, YOSHIMI Seida and IZUMI Yasuo (Tokyo Inst. of Tech.)
“Development of Micro-Mesoporous Iron Oxide Materials for the Removal of Arsenic” [5-9]
The main part of this work was carried out at BL-7C, 9A, 9C, 10B, 12C.

Award of Outstanding Reviews Published in The Ceramic Society of Japan in 2009
ISHIZAWA Nobuo and TATEISHI Kenji (Ceramics Res. Lab. Nagoya Inst. of Tech.)
“Diffusion of Li Atoms in LiMn_2O_4 - A Structural Point of View -” [10]
The main part of this work was carried out at BL-14A

2009 The Japan Society for Analytical Chemistry Best Paper Award
FUJIMORI Takashi, TANINO Yuta, TAKAOKA Masaki and MORISAWA Shinsuke (Kyoto Univ.)
“Behavior of Chlorine in Incineration Residue during Washing Process” [11]
The main part of this work was carried out at BL-9A and 11B.

The 13th The Japan Society of Synchrotron Radiation Research Scientific Award
TADA Mizuki (IMS)
“Innovation on the Catalytic Chemistry by using in-situ Time-Resolved XAFS” [12-44]
The main part of this work was carried out at BL-9A, 9C, 12C, NW2A and NW10A.

Inoue Science Research Award
TADA Mizuki (IMS)
“Establishment of Precise Catalytic Reaction Control Methods through the Design of Attached Surface Molecular-Imprinting Metal Complex Catalysts with Molecular Recognition Ability” [12-44]
The main part of this work was carried out at BL-9A, 9C, 12C, NW2A and NW10A.

Morita Fellowship Award (Japanese Association of University Women)
TADA Mizuki (IMS)
“Creation of Active Metal Structures on Surface and Real Time Analyses of their Catalytic Reactions” [12-44]
The main part of this work was carried out at BL-9A, 9C, 12C, NW2A and NW10A.

Young Scientists' Prize, the Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology

TADA Mizuki (IMS)

"Surface Design of Highly-Selective Catalysts in Molecular Level and their in-situ Structure Analyses" [12-44]

The main part of this work was carried out at BL-9A, 9C, 12C, NW2A and NW10A.

The Award for the Young Scientist of the Japan Society for Extremophiles, 2009

NOJIRI Hideaki (The Univ. of Tokyo Biotech. Res. Center)

"Molecular bases of the Xenobiotic-Degrading Capacity of Bacteria"

The Award by the Ambassador of the People's Republic of China to Japan

LU Xing (Tsukuba Advanced Res. Alliance)

"Chemical Understanding of a Non-IPR Metallofullerene: Stabilization of Encaged Metals on Fused-pentagon Bonds in $\text{La}_2@C_{72}$ " [45]

The main part of this work was carried out at BL- 8B.

The 9th Annual Meeting of the Protein Science Society of Japan

MIYATA Masanori (Kumamoto Univ.)

"The Role of Glu54 in Transthyretin Stability and Thyroxine Binding" [46]

The main part of this work was carried out at BL-17A, 5A and NW12A.

The 26th Annual Meeting of the Pharmaceutical Society of Japan

ARIMORI Takao (Kumamoto Univ.)

"Structural Basis for Broad Substrate Specificity of Human NUDT5"

The main part of this work was carried out at BL-5A and NW12A.

4th Asada Award (The Discussion Group of X-ray Analysis, the Japan Society for Analytical Chemistry)

HOKURA Akiko (Tokyo Denki University)

"Study on Accumulation of Heavy Metals in Phytoremediation Plant" [47]

The main part of this work was carried out at BL-4A and 12C.

Student Award (International Symposium on Atomic Level Characterizations for New Materials and Devices '09)

MORO Yuki (Yokohama Natl. Univ.)

"Size Control of Mn-Zn Ferrite Nanoparticles and their XAFS Spectra" [48]

The main part of this work was carried out at BL-12C.

Chemical Society of Japan Award

UOSAKI Kohei (Hokkaido Univ.)

"In situ Nanoscale Determination and Construction of Functional Phases at Solid/Liquid Interfaces"

Chemical Society of Japan Award for Creative Works

TSUKUDA Tatsuya (Hokkaido Univ. Catal. Res. Center)

"Precision Synthesis and Size-Specific Functions of Gold Clusters"

Student Award, 12th XAFS Society Meeting

UEMURA Yohei (The Univ. of Tokyo)

"In-situ Structure Analyses of PtSn Nanoalloy during the Redox Process by Time-Resolved XAFS"

The main part of this work was carried out at BL-9A, 9C, 12C, NW2A and NW10A.

Student Lecture Award, 90th Annual Meeting of the Chemical Society of Japan

UEMURA Yohei (The Univ. of Tokyo)

"Kinetic Analyses of PtSn Nanoalloy during the Redox Process by in-situ Time-Resolved XAFS"

The main part of this work was carried out at BL-9A, 9C, 12C, NW2A and NW10A.

L'Oreal-UNESCO Award of Young Female Scientist, 2009

TOMITA Ayana (Tokyo Inst. of Tech.)

SSSJ Young-Researcher Lecture Award

ABE Hitoshi (Keio Univ.)

“NO Adsorption Induced Surface Antiferromagnetic Coupling of Fe/Cu(001) and the Comparison with the CO Adsorption”

The main part of this work was carried out at BL-7A and 7C.

Young Scientists' Prize, the Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology

SATO Takafumi (Tohoku Univ.)

“Doping Dependence of Superconducting-Gap Anisotropy in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ” [49]

The main part of this work was carried out at BL-28A.

The Japan Society of Applied Physics Fellow 2009

ANDO Masami (Tokyo Univ. of Sci.)

“Development of X-Ray, Neutron Optics and their Medical Applications”

The Japan Society of Applied Physics Fellow 2009

OSHIMA Masaharu (The Univ. of Tokyo)

“Synchrotron Studies of Surfaces and Interfaces of Semiconductors and Magnetic Materials”

The Japan Society of Applied Physics Fellow 2009

KONO Shozo (Inst. of Multidisciplinary Res. for Adv. Mater. Tohoku Univ.)

“Development of New Electron Spectroscopy to Study Surface Structure and Electronic State”

The Japan Society of Applied Physics Fellow 2009

TAKEDA Yoshikazu (Nagoya Univ.)

“Growth and Evaluation of Semiconductor Heterostructures and Device Applications”

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