Workshops
UVSOR Symposium 2016

Date: October 29-30, 2016
Place: Okazaki Conference Center

October 29th (Sat.)
<Session 1, Chair: M. Katoh>
13:00 - 13:05 Opening remarks
S. Ideta (UVSOR)
N. Kosugi (UVSOR)
13:25 - 13:45 Photoionization Study of Rare Gas Atoms by Extreme Ultraviolet Vortex
T. Kaneyasu (SAGA Light Source)
13:45 - 14:05 Dissociation Dynamics of Isolated Molecules Driven by Core Excitation and Ionization
H. Iwayama (UVSOR)
14:05 - 14:25 Development of Application Technology of Coherent Light Source and Solid-State Spectroscopy
S. Kimura (Osaka Univ.)
14:45 - 15:05 Poster Short Presentation

October 30th (Sun.)
<Session 3, Chair: T. Ito>
9:00 - 9:30 [invited] Hidden Spin-Polarized State Revealed by Spin-Resolved Photoemission
T. Okuda (Hiroshima Univ.)
9:30 - 9:50 Current Status and Future Plans of BL5U
K. Tanaka (UVSOR)
9:50 - 10:10 Strongly Correlated Electronic States of Pyrochlore Iridates Revealed by Angle-Resolved Photoemission Spectroscopy
T. Kondo (ISSP, The Univ. of Tokyo)
10:10 - 10:30 Coffee Break
<Session 4, Chair: E. Shigemasa>

10:30 - 10:50  Atomic Scale Surface Magnetism Studied by X-ray Absorption Spectroscopy/X-ray Magnetic
Circular Dichroism and STM
T. Miyamachi (ISSP, The Univ. of Tokyo)

10:50 - 11:10  Four Years Left till the Return of Hayabusa2: Analytical Strategy Using STXM, TEM, and
SIMS for Understanding of Association among the Asteroidal Organics, Water, and Minerals
H. Yabuta (Osaka Univ.)

11:10 - 12:00  Discussion and closing remarks
K. Fukui (Fukui Univ.)

<Poster Presentation>

P01  Optical Vortex UV Light Irradiation to Zn(II) Complex-PVA Hybrid Materials
M. Takase (Tokyo Univ. of Science)

P02  Emergence of Optical Activity in Achiral Amino Acids by Irradiation of Circularly Polarized Light from
Undulator
J. Takahashi (Yokohama Natl. Univ., Osaka Univ.)

P03  Temporal Response Measurement with Transmission-Type Spin-Polarized Photocathodes
K. Yamaguchi (Nagoya Univ.)

P04  Two Dimensional Isotope Imaging Using LCS Gamma-ray
H. Zen (Kyoto Univ.)

P05  Evaluations of the Optical Components Mounted on the Sounding Rockets for the Solar Observations
N. Narukage (National Astronomical Observatory of Japan)

P06  Site Preference of Gd$^{3+}$ Ions in Gd$_x$Al$_y$(1-x)Ga$_{5-x}$O$_{12}$ Crystals
C. Oyama (Yamagata Univ.)

P07  Investigation of Persistent Luminescence Mechanism in SrAl$_2$O$_4$:Eu$^{2+}$-Dy$^{3+}$ by Vacuum Referred
Binding Energy Diagram
J. Ueda (Kyoto Univ.)

P08  Stability of Photoexcited States in Alanine Single Crystals
S. Tanaka (Yamagata Univ.)

P09  Investigation of Quenching and Persistent Luminescence Process by Construction of Energy Diagram
in Ce$^{3+}$ Doped Gd$_x$(Al,Ga)$_{5-x}$O$_{12}$
K. Asami (Kyoto Univ.)

P10  Study on Nickel Oxygen Evolution Catalysts Containing Organic Molecules
S. Onishi (Keio Univ.)

P11  Direct Observation of Active Species in the Efficient Cobalt Catalysts
M. Yoshida (Keio Univ.)

P12  Local Structure Observation of Aqueous Solution of Cation-Crown ether Complex by Soft X-ray
Absorption Spectroscopy
H. Yuzawa (IMS)

P13  Direct Observation of Modified Molecular Orbital Caused by Weaker Interfacial Interaction
K. Yonezawa (IMS)

P14  Angle-Resolved Photoemission Spectroscopy Study of NdFeAs(O, F) Single Crystal
Z.- H. Tin (Osaka Univ.)
Three-Dimensional Angle-Resolved Photoemission Study of MAX Phase Compounds (Cr₂AlC)
T. Fujita (Nagoya Univ.)

UV-Induced Infrared Absorption Change in SrAl₂O₄: Eu²⁺ Crystals: Influence of Eu²⁺ Concentration on Trap Filling Process
M. Kitaura (Yamagata Univ.)

Infrared Absorption of Trapped Electron Centers in Ce:Gd₃Al₅Ga₄O₁₂ and Ce:Gd₅Ga₅O₁₂ Crystals
R. Inaba (Yamagata Univ.)

Observation of tiny amount of D-Asp in aspartic acid films by infrared micro-spectroscopic imaging
J. Hibi (Osaka Univ.)

Stabilization of BL6B Optical Path by a Feedback Control
H. Zen (IAE, Kyoto Univ.)

Chemical Shift of Inner-Shell Electron Binding Energies in Primary Bromoalkanes
H. Fujise (The Graduate University for Advanced Studies)

Angular Dependence of the PCI Recapture of Photoelectron Originating from Xe 4d₁⁵/₂ Photoionization
S. Kosugi (Sophia Univ.)

Recapture of Kr 3d₁⁵/₂ Photoelectron Due to Post Collision Interaction (PCI) Studied by High Resolution Measurements of Auger Electrons
N. Kumagai (Sophia Univ.)

Time Resolved Fluorescence Spectroscopy of Ne with Single Bunch Synchrotron Radiation
N. Suzuki (Sophia Univ.)

Origin of the Interfacial State Observed at Tetraphenyl dibenzoperiflanagan Thin Films on Ag(111)
R. Shiraishi (SOKENDAI)

Dissociation Dynamics of Dication States in Water Molecule
F. Kumaki (Niigata Univ.)

The Change of Electronic Structure Accompanied with Cl Bonding to Central Metal of Tin-Phthalocyanine
C. Numata (Chiba Univ.)

Dissociation Dynamics of Methanol Dication Studied by an Electron-Ion Coincidence Method
M. Higuchi (Niigata Univ.)

Temperature Dependence of the Emission Spectra of Laser Irradiated a-CNx Thin Films
K. Nakamura (Univ. of Fukui)

The Localized Exciton Model in AlGaN Alloys
K. Watanabe (Univ. of Fukui)

Improvement of Spectroscopic Ellipsometry for VIS-VUV Region and Measurements of Complex Refractive Index of AlN Wafer
Y. Fujii (Univ. of Fukui)

Optical Property of Compound Fluoride Materials CaₓSr₁₋ₓF₂ at Low Temperature
R. Yamazaki (Nagoya Institute of Tec.)

Angle-resolved Photoemission Study of the Quasi-one-dimensional Organic Conductors (TMTTF)₂X(X=AsF₆, SbF₆)
T. Ito (NUSR, Nagoya Univ.)
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