V

Workshops

UVSOR Symposium 2019

Date: November 16-17, 2019
Place: Okazaki Conference Center

November 16th (Sat.)

<Session 1, Chair: **T. Ohigashi** (UVSOR)>

13:05 – 13:25 Opening Remark
S. Kimura (Osaka Univ.)

13:15 – 13:50 Current Status of BL4U
T. Ohigashi (UVSOR)

13:50 – 14:15 Observation of Water Surrounding an Air Bubble by Scanning Tunneling X-ray Microscopy
Y. Harada (ISSP, Univ. of Tokyo)

14:15 – 14:30 Coffee Break

14:30 – 14:55 Phase 2 Curation "Team Kochi" for Hayabusa2 Returned Sample: In-depth Analysis of a Single Grain utilizing Linkage Microanalysis Instruments
M. Ito (JAMSTEC)

14:55 – 15:25 [Invited Talk] Development of Focusing and Imaging Systems for Soft X-ray and EUV Light Based on Axially Symmetric Mirror
H. Mimura (Univ. of Tokyo)

15:25 – 16:00 Coffee Break

<Session 2, Chair: **H. Iwayama** (UVSOR)>

16:00 – 16:20 Construction of a VIS-VUV Complex Refractive Index Measurement Instrument Dedicated to BL7B
K. Fukui (Univ. Fukui)

16:20 – 16:50 [Invited Talk] Spectroscopic Study on Alloys and Compounds -My 25-Years Research with UVSOR
K. Soda (Nagoya Univ.)

16:50 – 17:20 Short Presentation for Poster Session

17:30 – 18:30 Poster Session

18:30 – 20:00 Banquet

November 17th(Sun.)

<Session 3, Chair: **M. Fujimoto** (UVSOR)>

9:00 – 9:30 [Invited Talk] Coherent Control of Atoms using Synchrotron Radiation
T. Kaneyasu (SAGA Light Sorce)

9:30 – 9:50 Development of Gamma-ray Induced Positron Annihilation Lifetime Spectroscopy
Y. Taira (AIST)

9:50 – 10:10 Measurement of Ion Coordination to Lipid Bilayer Membranes using Artificial Biomembrane System
R. Tero (Toyohashi Univ. Tech.)

10:10 – 10:20 Coffee Break

<Session 4, Chair: **K. Tanaka** (UVSOR)>

10:20 – 10:40 Achievements and Prospects of Soft-X-ray Photoelectron Spectroscopy at BL6U
F. Matsui (UVSOR)

10:40 – 11:00 Fabrication of Novel Topological Materials and its Electronic Structure
T. Hirahara (Tokyo Inst. Tech.)

11:00 – 12:00 Discussion and Closing Remark

Poster Session

P1 Progress of Isotope-Specific CT Imaging Experiment at BL1U
H. Zen (Kyoto Univ.)

P2 Optical Activity Emergence in Bio-organic Molecules by Circularly-Polarized Undulator Light Irradiation
J. Takahashi (Yokohama National Univ.)

P3 Optical Vortex UV Light Irradiation to Zn(II) Complex-PMMA Hybrid Materials
S. Yamazaki (Tokyo Univ. of Science)

P4 Elliptical Polarized UV Light Irradiation to Zn(II) Complex-PMMA Hybrid Materials
M. Yoshida (Tokyo Univ. of Science)

P5 Development of 2π Steradian Photoelectron Spectrometer
H. Matsuda (IMS)

P6 Investigation of Charge Compensation Mechanism of SiO_2/Si by Sample Current Measurement
R. Nozaki (Waseda Univ.)

P7 Measurement of Fluorescence Lifetime under VUV-SX Excitation in Single Bunch Operation
K. Kawai (Yamagata Univ.)

P8 Study on Rear Earth Pyro-Silicate Type Scintillator with UVSOR
S. Kurosawa (Tohoku Univ.)

P9 Combined Excitation-Emission Spectroscopy on $CH_3NH_3Pb(Cl,I)_3$
T. Takeuchi (Fukui Univ.)

P10 Temperature Dependence of Dielectric Functions in Yb_2O_3 and Lu_2O_3 Thin Films
T. Asai (Fukui Univ.)

P11 Temperature Characteristics of Auger-Free Luminescence in Molecular Ionic Crystals
T. Aizawa (Yamagata Univ.)

P12 Evaluation of Fluorescence Lifetimes of Plastic Scintillators for Particle and Unclear Physics Experiments
H. Ikeda (Yamagata Univ.)

P13 Conversion Phenomena from Ag^+ to Ag^- Centers by VUV Irradiation in NaCl:I^-, Ag^+ Crystals
T. Kawai (Osaka Prefecture Univ.)

P14 Hydration Structure of *N,N*-dimethylglycine Studied by Soft-Xray Absorption Spectroscopy
N. Fukuda (Hiroshima Univ.)

P15 The Change of Hydration Structure of Glycine Betaine by Salt Addition Studied by Soft X-ray Absorption Spectroscopy

S. Ohsawa (Hiroshima Univ.)

P16 Observation of Nickel-Carbonate Electrocatalyst for Water Splitting using Operando C K-edge XAFS

T. Moriyama (Yamaguchi Univ.)

P17 X-ray Absorption Spectroscopy Measurement of Lipid Bilayer Membranes in Aqueous Solution

W. Goh (Toyohashi Univ. of Technology)

P18 Theoretical Analysis of Two-phase Network Formation and Its Visualization by STXM

Y. Sakaki (Kyoto Institute of Technology)

P19 Visualization of Orientation Distribution in Carbon Fibers by Scanning Transmission X-ray Microscopy

T. Harano (Nippon Steel)

P20 Pulsed Electron Excitation Installed into a Magnetic Bottle Electron Spectrometer

Y. Hikosaka (Toyama Univ.)

P21 Photoelectron-Auger Electron Coincidence Spectroscopy for Organic Thin Films

S. Wada (Hiroshima Univ.)

P22 Development of Soft-X-ray Detector for Removing High Order X-rays

M. Nagasaka (IMS)

P23 Characterization of Amorphous Chalcogenide Thin Films by Vacuum Ultraviolet Absorption Spectroscopy

K. Hayashi (Gifu Univ.)

P24 High-Resolution ARPES Study of Atomic Layer $NbSe_2$

Y. Nakata (Tohoku Univ.)

P25 Perpendicular Magnetic Anisotropy Induced by Rashba-type Spin-Orbit Coupling

J. Okabayashi (Tokyo Univ.)

P26 Surface Atomic and Electronic Structures of $SmB_6(001)$, a Topological Kondo Insulator, Evolving with the Cleaning Procedure

Y. Ohtsubo (Osaka Univ.)

P27 Electronic Structure of Ultrathin Bi(111) Films on InSb(111)

J. K. Modak (Osaka Univ.)

P28 Angle-resolved Photoemission Study of MAX Phase Compound Ti_2SnC

T. Ito (Nagoya Univ.)

P29 Investigation of Photon Energy Drift at BL5B

H. Zen (Kyoto Univ.)

P30 Nature of Shallow Electron Traps in $Ce:Gd_3(Ga,Al)_5O_{12}$ Crystals Studied by UV-induced Absorption Spectroscopy

T. Yagihashi (Yamagata Univ.)

P31 Distribution of the Photoelectron from MoS_2 in the Momentum Space: Comparison between the Theoretical Calculation and ARPES

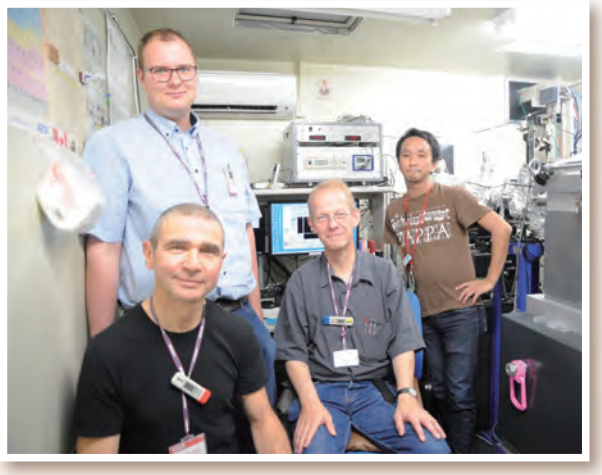
S. Tanaka (Osaka Univ.)

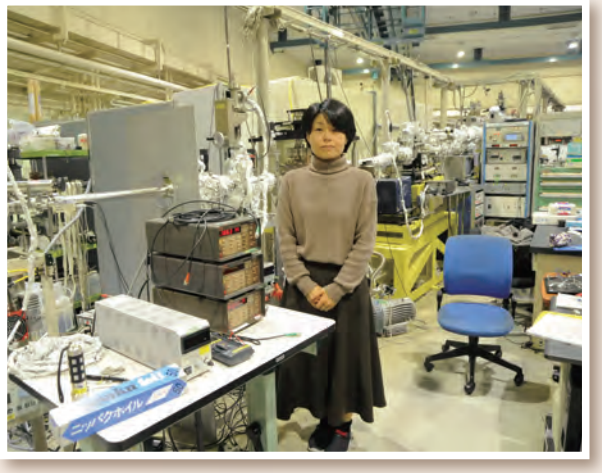
P32 Fabrication of Bi_1Te_1 Ultrathin Films and the Surface Electronic Structure

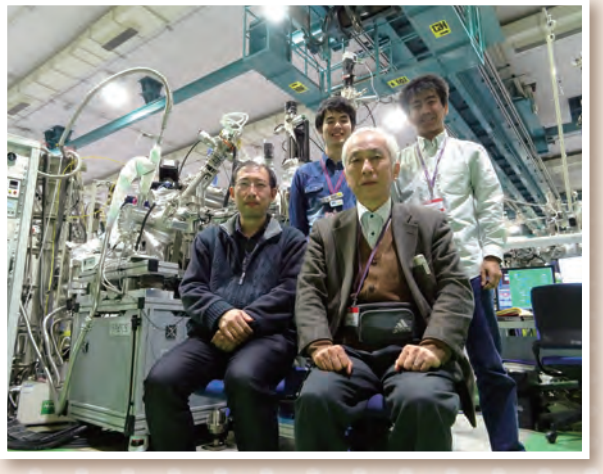
S. Kusaka (Tokyo Inst. Tech.)

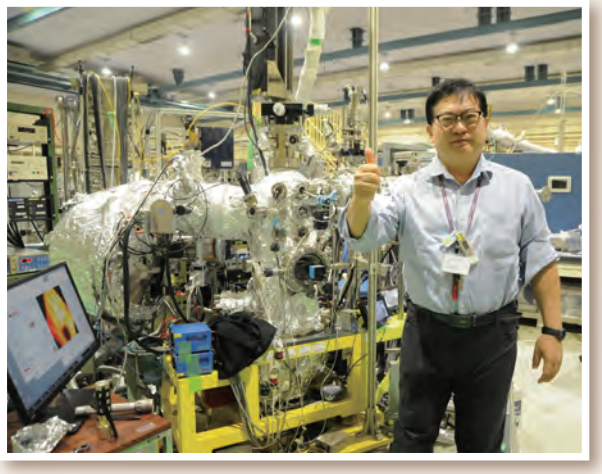
P33 Electronic State of Pentacene/Graphite upon Low-energy UV Light Excitation

UVSOR User 3









UVSOR Symposium 2019

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