V

Workshops

UVSOR Symposium 2014

Date: November 14-15, 2014
Place:Okazaki Conference Center, Okazaki, Japan

November 14th (Fri)

13:00 - 13:05 Opening remarks
T. Ohigashi (UVSOR)

<Session 1, Chair: **M. Kitaura**>

13:05 - 13:15 Present status of UVSOR light source accelerator
M. Katoh (UVSOR)

13:15 - 13:35 Development of application technology of coherent light source and solid state spectroscopy
S. Kimura (Osaka Univ.)

13:35 - 13:55 Spin-, orbital symmetry-, and momentum-resolved photoemission spectroscopy at new beamline BL5U
K. Tanaka (UVSOR)

13:55 - 14:15 Opticalproperties of $Ca_xSr_{1-x}F_2$
K. Toyama (Nagoya Institute Tech.)

14:15 - 14:35 Morphological control and photoconductive properties of YF_3 thin films prepared by pulsed laser deposition
H. Ishikawa (Nagoya Institute Tech.)

14:35 - 15:05 Coffee break

<Session 2, Chair: **K. Tanaka**>

15:05 - 15:25 Development of the photoelectron spectroscopy beamline suited for organic molecular solids: BL2B reconstruction II
S. Kera (IMS)

15:25 - 15:45 Ultraviolet photoemission spectra of $Sc_2C_2@C_{82}$ and encapsulated cluster structure
T. Miyazaki (Ehime Univ.)

15:45 - 16:05 Application of scanning transmission X-ray microscopy into study on microbe-metal-mineral
S. Mitsunobu (Shizuoka Prefecture Univ.)

16:05 - 16:25 Auger decay and specific photofragmentation of *cis*-hexafluorocyclobutane
K. Okada (Hiroshima Univ.)

16:25 - 16:55 [Invited] Studies at UVSOR: From anthracene, supercritical Xe, C_{60} to amino acids and nuclear bases
K. Nakagawa (Kobe Univ.)

<Poster Session & Banquet>

17:30 - 18:00 Poster Session A
18:00 - 18:30 Poster Session B
18:30 - 21:00 Banquet

November 15th (Sat)

<Session 3, Chair: **T. Hirahara**>

9:00 - 9:20 Missions of IMS and UVSOR
N. Kosugi (UVSOR)

9:20 - 9:50 [Invited] Local structures of aqueous solutions studied by soft X-ray absorption spectroscopy

N. Nagasaka (IMS)

9:50 - 10:10 Angle- resolved photoemission study of $Sm_{1-x}Y_xS$ and YbPtSb
T. Ito (Nagoya Univ.)

10:10 - 10:30 Time-resolved measurements of photoluminescence from dielectrics using SR in a single-bunch mode
Y. Ohki (Waseda Univ.)

10:30 - 10:50 Coffee Break

<Session 4, Chair: **E. Shigemasa**>

10:50 - 11:10 Comprehensive study of photo-excited states of solids by VUV luminescence spectroscopy
M. Kitaura (Yamagata Univ.)

11:10 - 11:30 Relationship between chemical bond and perpendicularly magnetic anisotropy in FeCo alloy/MgO interfaces revealed by XMCD
J. Okabayashi (Tokyo Univ.)

11:30 - Discussion and closing remarks
S. Kimura (Osaka Univ.)

<Poster Session>

P01 Intrinsic luminescence and energy transfer from self-trapped excitations in binary rare-earth borates under vacuum UV excitation
A. Abe (Akita Univ.)

P02 Oxygen evolution catalyst studied by electrochemical soft X-ray XAFS
Y. Mitsutomi (Keio Univ.)

P03 Observation of DNA and protein distributions in mammalian cell nuclei using STXM
T. Ohigashi (UVSOR)

P04 Energy transfer from Tl^+ to In^+ in NaCl:Tl^+, In^+
A. Iguchi (Osaka Prefecture Univ.)

P05 CEES measurements of the high concentration boron-doped diamond films
S. Kondou (Fukui Univ.)

P06 Development of spectroscopic ellipsometry for VIS-VUV region
Y. Kubo (Fukui Univ.)

P07 Emission and excitation spectrum of α-CN_x
K. Ikeda (Fukui Univ.)

P08 Temperature dependence of PL and PLE of fluoride crystals in VUV region
R. Arita (Osaka Univ.)

P09 Electronic state calculation of Lu-containing fullerene by density function theory (DFT)
G. Takasumi (Ehime Univ.)

P10 Optical properties and an APES model of RbCl crystals doped with Au- ions
S. Yamasuso (Osaka Prefecture Univ.)

P11 Infrared spectroscopy of photo induced Defects in Ce^{3+}:GAGG Crystals
R. Inaba (Yamagata Univ.)

P12 Features and origin of the α luminescence band in NaCl: Au- crystals
T. Kawai (Osaka Prefecture Univ.)

P13 Reflectance spectra of alanine single crystals in vacuum ultraviolet region
S. Tanaka (Yamagata Univ.)

P14 Generation of gamma-ray by inverse Compton scattering at BL1U and its application
H. Zen (Kyoto Univ.)

P15 Carrier density mapping of $Sm_{1-x}Y_xS$ by infrared micro-spectroscopic imaging

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