-Poster Session-

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P01 Electron correlation effect in ferromagnetic Ni: a high-resolution polarization dependent ARPES study

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P02 Sulfur K-edge NEXAFS measurement with SDD system at BL-3

S. Yagi[1,2], K. Shirode[2,3] , C. Tsukada[4] , S. Ogawa[2] , E. Ikenaga[1,2]
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3 Toyo Tire & Rubber Co., Ltd., Japan
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P03 XAFS and XPS analyses for the gold nanoparticles prepared by solution plasma method

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2 Graduate School of Engineering, Nagoya University, Japan
3 Institute of Materials and Systems for Subtainability (IMaSS), Nagoya University, Japan

P04 Characterization by synchrotron-radiation X-ray photoelectron spectroscopy of NO adsorption on Rh nanoparticles - Effect of support material -

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2 Graduate School of Science, Hiroshima University, Japan
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4 IMaSS, Nagoya University, Japan
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P05 XPS study of boron-doped diamond films covered by V_2O_5

Y. Muraoka[1], T. Wakita[1], T. Yokoya[1]
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P06 Photoelectron Spectra of Lutetium Encapsulated Fullerenes

T. Miyazaki[1], T. Wakita[1], T. Yokoya[1], H. Shinohara[2], S. Hino[3]
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P07 Current activities of research and education on BL-5 (FY2017)

T. Yokoya[1], T. Wakita[1], Y. Muraoka[1], K. Terashima[1]

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P08S Development of an apparatus for soft X-ray absorption experiments of solid and liquid samples under atmospheric helium gas environment

Y. Nakao[1], H. Ito[2], Y. Ohno[2], H. Yoshida[3,4], T. Tokushima[5,6], Y. Horikawa[1]

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4 Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan
5 SANKA High Technology Co. Ltd.,, Japan
6 Laboratory of Advanced Science and Technology for Industry, University of Hyogo, Japan

P09 Electronic Structures and Impurity Cluster Features in Mg-Zn-Y Alloys with a Synchronized Long-Period Stacking Ordered Phase

S. Hosokawa[1], K. Maruyama[2], K. Kobayashi[2], J. R. Stellhorn[1], B. Paulus[1], A. Koura[1], F. Shimojo[1], M. Yamasaki[3,4], Y. Kawamura[3,4], S. Yoshioka[5], H. Sato[6]

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3 Department of Materials Science, Kumamoto University, Japan
4 Magnesium Research Center, Kumamoto University, Japan
5 Department of Applied Quantum Physics and Nuclear Engineering, Kyushu University, Japan
6 Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan

P10S The seeds of Zn_6Y_8 $L1_2$-type clusters in amorphous $Mg_{85}Zn_6Y_9$ alloy investigated by photoemission spectroscopy

S. Hosokawa[1], J. R. Stellhorn[1], B. Paulus[1], K. Maruyama[2], K. Kobayashi[2], H. Okuda[3], M. Yamasaki[4,5], Y. Kawamura[4,5], H. Sato[6]

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P11S Resonant hard x-ray photoemission spectroscopy of valence transition compound $YbInCu_4$

K. Maeda[1], H. Sato[2], K. Mimura[3], A. Yasui[4], Y. Akedo[3], K. Abe[3], T. Kawabata[3], R. Shimokasa[3], M. Mizumaki[4], S. Tsutsui[4], N. Kawamura[4], E. Ikenaga[5], K. Matsumoto[6], K. Hiraoka[6]

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P12S Angle-resolved photoemission study of WTe_2

R. Matsumoto[1], T. Sugimoto[1], T. Mizokawa[1], N. L. Saini[2], M. Arita[3], H. Namatame[3], M. Taniguchi[3], R. Jha[4], R. Higashinaka[4], T. D. Matsuda[4], Y. Aoki[4]

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P13S Angle-Resolved Photoemission Study of SnSe and Na-doped SnSe

M. Maeda[1], S. Suzuki[1], K. Yamamoto[1], T. Mizokawa[1], N. L. Saini[2], M. Arita[3], H. Namatame[3], M. Taniguchi[3], G. Tan[4], L. D. Zhao[4], M. G. Kanatzidis[4]

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4 Department of Chemistry, Northwestern University, USA

P14S The (S)ARPES observation of local spin polarization in a series of Ln(O,F)BiS2 (Ln=Ce,Nd,Pr) superconductors

S. Wu[1], Y. Ota[2], K. Miyamoto[1], T. Imai[1], K. Yaji[2], A. Harasawa[2], M. Nagao[3], S. Watauchi[3], I. Tanaka[3], S. Shin[2], T. Okuda[1]

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2 University of Tokyo, Japan
3 Yamanashi University, Japan

P15 Linear polarization dependence of angle resolved photoemission study on SmB_6

M. Arita[1], H. Sato[1], K. Shimada[1], H. Namatame[1], M. Taniguchi[1], H. Tanida[2], Y. Osanai[3], K. Hayashi[3] , F. Iga[4]

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3 Graduate School of Science and Engineering, Ibaraki University, Japan
4 College of Science, Ibaraki University, Japan

P16 Spin Texture of Topological Surface States on the Kondo Insulator SmB_6(111)

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P17 Experimental observation of node-line-like surface states in LaBi

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3 Institute of Physics, Chinese Academy of Sciences, China
4 Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, China
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P18S Temperature dependence on the spin electronic structure of Bi(111) film

T. Imai, K. Miyamoto, and T. Okuda

Hiroshima Synchrotron Radiation Center, Hiroshima University

P19 Spin polarized surface state derived from d-electrons on W(100)

K. Miyamoto[1], T. Matsuda[2], T. Okuda[1], H. Sato[1], J. Henk[3]

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2 Graduate School of Science Hiroshima University, Japan
3 Institut für Physik, Martin-Luther-Universität, Germany

P20S Electronic structure of Co-based magnetic shape memory Heusler alloys revealed by high-resolution photoemission spectroscopy

M. Kakoki[1], K. Sumida[2], X. Xu[3], M. Tsujikawa[4], M. Shirai[4], T. Okuda[5], R. Kainuma[3], A. Kimura[2]

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P21S Angle-Resolved Photoemission Study of Co-Substitution Effect in the Electronic Structure of High-T_c Cuprate Superconductor

T. Miyashita[1], W. Mansuer[1], H. Takita[1], T. Kubo[1], S. Ishizaka[1], Eike F. Schwier[2], H. Iwasawa[2,3], K. Shimada[2], M. Arita[2], Y. Numata[4], T. Uto[4], A. Matsuda[4], A. Ino[1,2]

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3 Diamond Light Source, United Kingdom
4 dSchool of Advanced Science and Engineering, Waseda University, Japan

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P22S Photoemission Spectroscopy of A15-Type Superconductors Using Ultraviolet Laser and Hard X-Ray Synchrotron Radiation

S. Ishizaka[1], H. Takita[1], T. Kubo[1], T. Miyashita[1], W. Mansuer[1], E. F. Schwier[2], H. Iwasawa[2], K. Shimada[2], H. Namatame[2], S. Ueda[3], A. Ino[1,2]

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3 Synchrotron X-ray Station at SPring-8, National Institute for Materials Science (NIMS), Japan

P23S Present Status of 6 eV Laser Based Spin-ARPES System

K. Sumida[1], K. Miyamoto[2], E. Annese[2,3], K. Taguchi[1], K. Shimada[2], A. Kimura[1], T. Okuda[2]

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2 Clarendon Laboratory, Department of Physics, University of Oxford, United Kingdom
3 Centro Brasileiro de Pesquisas Fsicas, Brazil

P24S Micro-ARPES study of a Weyl semimetal candidate $MoTe_2$

Y. Nakata[1], K. Kasai[1], E. F. Schwier[2], A. Ino[2], K. Ueno[3], N. Aoki[1], K.Sakamoto[1]

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3 Department of Chemistry, Saitama University, Japan

P25 Identifying sulfur species in marine sediments collected from Seto Inland Sea, Japan using XAFS

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2 Research Center for Inland Seas, Kobe University, Japan
3 Environmental Research and Management Center, Hiroshima University, Japan
4 Graduate School of Biosphere Science, Hiroshima University, Japan
5 Graduate School of Engineering, Hiroshima University, Japan

P26S Depth selective and polarization dependence measurements of sulfur K edge XAFS spectra from polythiophene film under total reflection condition

Y. Hamashima[1], T. Kai[1], K. Komaguchi[1], J. Ohshita[1], S. Hayakawa[1]

1 Graduate School of Engineering, Hiroshima University, Japan

P27S Electrochemical desorption of stored iodide onto organo-MnO_2 and XAFS characterization

M. Kondo[1], M.Nakayama[2], A. Munoz-Noval[1], K. Komaguchi[1], S. Hayakawa[1]

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P28S XAFS characterization of thermal denaturation of sulfur crosslink in rubber

T. Mori[1], S. Mineoi[2],T. Oshita[2],H. Sumida[2] , K. Komaguchi[1], S. Hayakawa[1]
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2 Technical Research Center, Mazda Motor Co., Hiroshima, Japan

P29S Conformations of Myelin Basic Protein Interacted with Membrane Revealed by Vacuum-Ultraviolet Circular-Dichroism Spectroscopy

M. Kumashiro[1], Y. Izumi[2], K. Matsuo[2]
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P30S Secondary structural analysis of XRCC4 protein using HiSOR-VUVCD

K. Nishikubo[1,2], Y. Izumi[3], K. Fujii[2], K. Matsuo[3], Y. Matsumoto[4], A. Yokoya[2]
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P31 Characterizations of Structural Dynamics and Hydration Structures of D-Glucose using Vacuum-Ultraviolet Circular-Dichroism Spectroscopy

K. Matsuo, H. Namatame, M. Taniguchi
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P32 Beam focusing and Sample-Volume Reduction Using Schwarzschild Objective at VUV-CD Spectrophotometer

Y. Izumi[1], K. Matsuo[1]
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P33 Structural Analysis of Lysine-4 Methylated Histone H3 Using VUV-CD Spectroscopy

Y. Izumi[1], K. Matsuo[1]
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P34S Secondary Structural Analysis of Hyaluronan Synthase Interacted with Membrane by Vacuum-Ultraviolet Circular Dichroism Spectroscopy

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P35S First Observation of Soft X-ray Absorption Spectra from Excited Triplet States of Benzoic Acids

H. Inui[1], S. Wada[1,3], H. Yoshida[1,3], O. Takahashi[2], A. Hiraya[1,3]
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P36 Soft X-Ray Absorption Measurements for Thin Organic Materials by Means of Partial Electron and Fluorescence Detections at BL13

Y. Taguchi[1], Y. Iyobe[1], A. Hiraya[1,2], S. Wada[1,2]
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2 Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan

P37S Magnetic state of Co layers intercalated into h-BN/Ni(111) studied by soft X-ray magnetic circular dichroism

Y. Ohashi[1], N. Ichikawa[2], M. Sawada[3]
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2 Graduate School of Science, Hiroshima University, Japan
3 Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan

P38S Antiferromagnetic Interlayer Coupling of Co/h-BN/Ni(111) Studied by Soft X-ray Magnetic Circular Dichroism

N. Ichikawa[1], Y. Ohashi[2], M. Sawada[3], A. Kimura[1]
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2 Faculty of Science, Hiroshima University, Japan
3 Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan

P39S Development of a soft X-ray reflectometer in an ambient pressure or a low vacuum environment at HiSOR-BL14

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P40S Measurement of Injected Beam at the PF Ring

K. Hirano[1], K. Harada[2], S. Nagahashi[2], A. Ueda[2], T. Obina[2], R. Takai[2], H. Takaki[2], Y. Kobayashi[2]
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P41S Construction of a two-photon interferometry measurement system for the evaluation of the bunch length in the electron storage ring

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P42 HiSOR-Based Compact Ring SR2 on Nuclear Physics at Nishina Center, Riken

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