Appendices

Organization

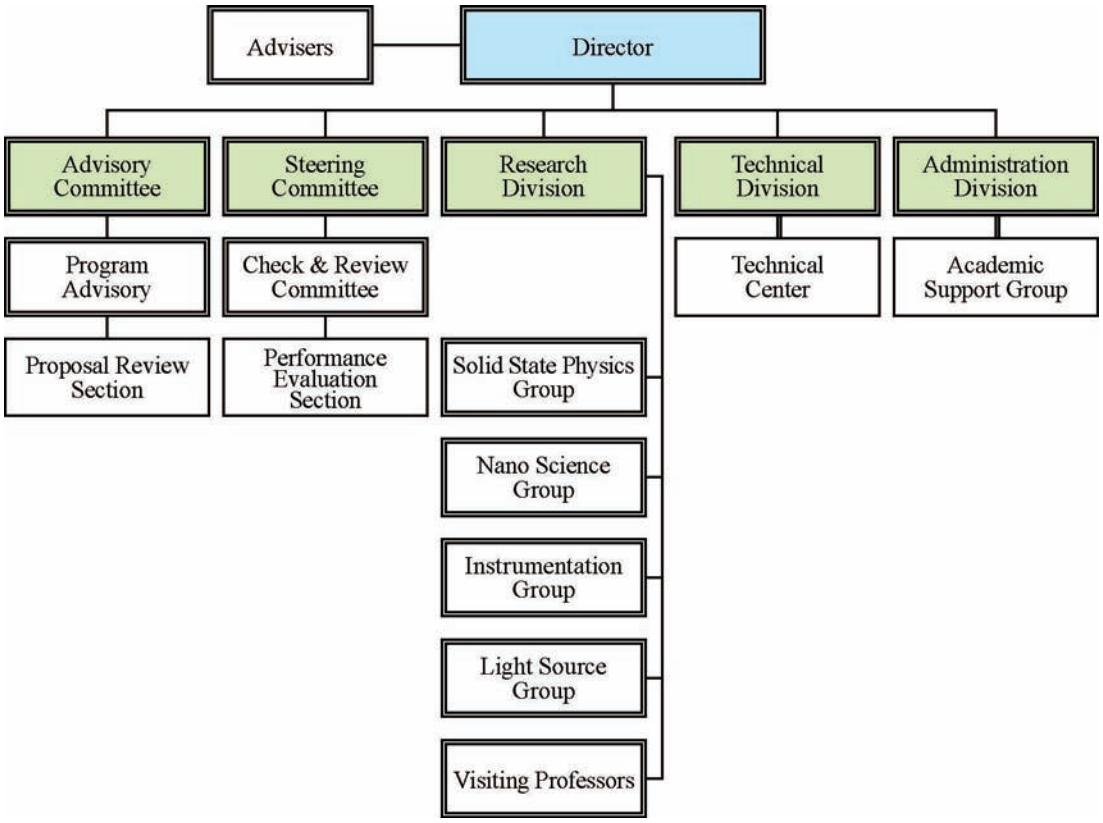

Fig. 1: Organization chart of HiSOR

Director

TANIGUCHI, Masaki	Hiroshima Synchrotron Radiation Center, HiSOR, Graduate School of Science, Hiroshima University

Adviser

OHTA, Toshiaki	Ritsumeikan University Emeritus Professor, The University of Tokyo
SATO, Shigeru	Emeritus Professor, Tohoku University
KAKIZAKI, Akito	Tukuba Institute of Sciense and Technology Emeritus Professor, The University of Tokyo

Staff Members

TANIGUCHI, Masaki	Director, Professor
NAMATAME, Hirofumi	Vice Director, Professor
SASAKI, Shigemi	Professor
SHIMADA, Kenya	Vice Director, Professor
SATO, Hitoshi	Associate Professor
OKUDA, Taichi	Associate Professor
SAWADA, Masahiro	Associate Professor
KUTLUK, Galif	Associate Professor(Special Appointment)
NAKATAKE, Masashi	Assistant Professor
MIYAMOTO, Atsushi	Assistant Professor
MIYAMOTO, Kouji	Assistant Professor
IWASAWA, Hideaki	Assistant Professor
MATSUO, Koichi	Assistant Professor
SCHWIER Eike Fabian	Researcher
GOTO, Kiminori	Engineer
ARITA, Masashi	Engineer
HORI, Toshitada	Visiting Professor
TABAYASHI, Kiyohiko	Visiting Professor
KOBAYASHI, Yukinori	Visiting Professor
KOBAYASHI, Keisuke	Visiting Professor
MATSUDA, Iwao	Visiting Associate Professor
MIMURA, Kojiro	Visiting Associate Professor
FUJIMORI, Shin-ichi	Visiting Associate Professor
SAKAMOTO, Kazuyuki	Visiting Associate Professor
MEDYANYK, Kateryna	Visiting Researcher
MURAYAMA, Tomoko	Technical Staff
SASAKI, Masahide	Supervisor, Academic Support Group
SHINNO, Naoko	Secretary
SHIMOKUBO, Harumi	Secretary

Steering Committee

TANIGUCHI, Masaki*	HiSOR
NAMATAME, Hirofumi	HiSOR
SASAKI, Shigemi	HiSOR
SHIMADA, Kenya	HiSOR
SATO, Hitoshi	HiSOR
OKUDA, Taichi	HiSOR
SAWADA, Masahiro	HiSOR

INUI, Masanori	Graduate School of Integrated Arts and Sciences
MARUYAMA, Hiroshi	Graduate School of Science
KURIKI, Masao	Graduate School of Advanced Science of Matter
HAYAKAWA, Shinjiro	Graduate School of Engineering
UENO, Satoshi	Graduate School of Biosphere Science
MATOBA,Yasuyuki	Graduate School of Biomedical Science
AIURA, Yoshihiro	Advanced Industrial Science and Technology
FUJIMORI, Atsushi	The University of Tokyo
OHTA, Toshiaki	Ritsumeikan University, Emeritus Professor, University of Tokyo

**Chair Person*

Check & Review Committee

SASAKI, Shigemi*	HiSOR
NAMATAME, Hirofumi	HiSOR
SHIMADA, Kenya	HiSOR
SATO, Hitoshi	HiSOR
OKUDA, Taichi	HiSOR
SAWADA, Masahiro	HiSOR
HIRAYA, Atsunari	Graduate School of Science
SAKAGUCHI, Koji	Academic Support Group
YAMAMOTO, Naofumi	Academic Support Group
SASAKI, Masahide	Academic Support Group

**Chair Person*

Advisory Committee

TANIGUCHI, Masaki	HiSOR
NAMATAME, Hirofumi*	HiSOR
SASAKI, Shigemi	HiSOR
SHIMADA, Kenya	HiSOR
SATO, Hitoshi	HiSOR
OKUDA, Taichi	HiSOR
SAWADA, Masahiro	HiSOR
KUROIWA, Yoshihiro	Graduate School of Science
HIRAYA, Atsunari	Graduate School of Science
AIURA, Yoshihiro	National Institute of Advanced Industrial Science and Technology
YOKOYA, Takayoshi	Okayama University
FUJIMORI, Atsushi	The University of Tokyo
QIAO, Shan	Shanghai Institute of Applied Physics,Chinese Academy of Sciences, China

SODA, Kazuo	Nagoya University
SHIN, Shik	The University of Tokyo
KATOH, Masahiro	National Institutes of Natural Sciences
NAMBA, Hidetoshi	Ritsumeikan University
KAMADA, Masao	Emeritus Professor, Saga University

**Chair Person*

Program Advisory Committee

SHIMADA, Kenya*	HiSOR
NAMATAME, Hirofumi	HiSOR
SATO, Hitoshi	HiSOR
OKUDA, Taichi	HiSOR
SAWADA, Masahiro	HiSOR
KIMURA, Akio	Graduate School of Science
HAYAKAWA, Shinjiro	Graduate School of Engineering
SAITOH, Tomohiko	Tokyo University of Science
AMEMIYA, Kenta	High Energy Accelerator Research Organization
SAKAMOTO, Kazuyuki	Chiba University
YAGI, Shinya	Nagoya Univeristy
FUJIMORI, Shin-Ichi	Japan Atomic Energy Agency
MIZOKAWA, Takashi	The University of Tokyo
MAKI, Yasuyuki	Gunma University

**Chair Person*

Visiting Scientists

SUMIDA, Hirosuke	Technical Research Center, Mazda Motor Co.
SENBA, Shinya	Ube National College of Technology
YOKOYA, Takayoshi	Graduate School of Nature Science and Technology, Okayama University
MURAOKA, Yuji	Graduate School of Nature Science and Technology, Okayama University
WAKITA, Takanori	Graduate School of Nature Science and Technology, Okayama University
YAGI, Shinya	Nagoya University
AIURA, Yoshihiro	Advanced Industrial Science and Technology
HAPPO, Naohisa	Hiroshima City University
QIAO, Shan	Shanghai Institute of Applied Physics, Chinese Academy of Sciences, China
FENG, Donglai	Fudan University, China
XINGJIANG Zhou	Institute of Physics, Chinese Academy of Sciences, China
DONATH, Markus	University of Münster, Germany
SCHÖNHENSE, Gerd	University of Mainz, Germany

Cooperative Research Staffs (Faculty Members)

INUI, Masanori	Faculty of Integrated Arts and Sciences
HIRAYA, Atsunari	Graduate School of Science
MARUYAMA, Hiroshi	Graduate School of Science
KUROIWA, Yoshihiro	Graduate School of Science
TAKAHASHI, Yoshio	Graduate School of Science
SEKITANI, Tetsuji	Graduate School of Science
KIMURA, Akio	Graduate School of Science
OKADA, Kazumasa	Graduate School of Science
NAKAJIMA, Nobuo	Graduate School of Science
MORIYOSHI, Chikako	Graduate School of Science
YOSHIDA, Hiroaki	Graduate School of Science
WADA, Shin-ichi	Graduate School of Science
ISHIMATSU, Naoki	Graduate School of Science
INO, Akihiro	Graduate School of Science
MAGOME, Eisuke	Graduate School of Science
TAKABATAKE, Toshiro	Graduate School of Advanced Sciences of Matter
TANAKA, Arata	Graduate School of Advanced Sciences of Matter
SASAKI, Gen	Graduate School of Engineering
HAYAKAWA, Shinjiro	Graduate School of Engineering
UENO, Satoshi	Faculty of Applied Biological Science
MATOBA,Yasuyuki	Graduate School of Biomedical Science

List of Publications

Coverage-dependent magnetic properties of Ni ultrathin films on Pd(001) investigated using x-ray magnetic circular dichroism

T. Ueno, M. Sawada, H. Furuta, Y. Kishimizu, H. Namatame, M. Taniguchi
Applied Physics Express **7** (6), 063006 (2014).

Occupied and unoccupied electronic structure of Na doped MoS_2 (0001)

T. Komesu, D. Le, X. Zhang, Q. Ma, E. F. Schwier, Y. Kojima, M. Zheng, H. Iwasawa, K. Shimada, M. Taniguchi, L. Bartels, T. S. Rahman, P. A. Dowben
Applied Physics Letters **105**(24), 241602 (2014).

Overexpression, purification, and characterization of Paenibacillus cell surface-expressed chitinase ChiW with two catalytic domains

T. Itoh, I. Sugimoto, T. Hibi, F. Suzuki, K. Matsuo, Y. Fujii, A. Taketo, H. Kimoto
Bioscience, Biotechnology, and Biochemistry **78**(4), 624 (2014).

Regeneration of manganese oxide as adsorption sites for hydrogen sulfide on granulated coal ash

S. Asaoka, H. Okamura, Y. Akita, K. Nakano, K. Nakamoto, K. Hino, T. Saito, S. Hayakawa, M. Katayama, Y. Inada
Chemical Engineering Journal **254**, 531-537(2014).

In-situ Studies of Structure and Magnetic Properties of Co Clusters on Au(111)

Y. Kishimizu, T. Ueno, M. Sawada, H. Furuta, A. Kimura, H. Namatame, M. Taniguchi
e-Journal of Surface Science and Nanotechnology **12**, 129 (2014).

Removal of hydrogen sulfide with steelmaking slag by concurrent reactions of sulfide mineralization and oxidation

K. Okada, T. Yamamoto, K.-H. Kim, S. Asaoka, S. Hayakawa, K. Takeda, T. Watanabe, A. Hayashi, Y. Miyata
Ecological Engineering **63**, 122 (2014).

An alternative allosteric regulation mechanism of an acidophilic L-lactate dehydrogenase from Enterococcus mundtii 15-1A

Y. Matoba, M. Miyasako, K. Matsuo, K. Oda, M. Noda, F. Higashikawa, T. Kumagai, M. Sugiyama
FEBS Open Bio **4**, 834 (2014).

Role of cysteine residues in the V(V)-reductase activity of Vanabin2

S Yamamoto, K Matsuo, H Michibata, T Ueki
Inorganica Chimica Acta **420**, 47 (2014).

Effect of sugars on aging of gelatin gels by vacuum-ultraviolet circular dichroism and rheological measurements

Y. Maki, S. Watabe, T. Dobashi, K. Matsuo
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Titanium-induced charge of Si(001) surface dependent on local configuration

K. Shudo, T. Aoki, S. Ohnoa, K. Yamazaki, F. Nakayama, M. Tanaka,T. Okuda, A. Harasawa, I. Matsuda, T. Kakizaki, M. Uchiyama
Journal of Electron Spectroscopy and Related Phenomena **192**, 35 (2014).

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K. Matsuo, H. Hiramatsu, K. Gekko, H. Namatame, M. Taniguchi, R. W. Woody

The Journal of Physical Chemistry B **118**(11), 2785 (2014).

Symmetry-protected surface state on Mo(112)

K. Fukutani, H. Hayashi, T. T. Scott, Y. Nagata, T. Horike, J. Jiang, H. Iwasawa, K. Shimada, Y. B. Losovyj P. A. Dowben

Journal of Physics: Condensed Matter **26**(15), 155501 (2014).

Symmetry resolved surface-derived electronic structure of MoS_2(0001)

T. Komesu, D. Le, Q. Ma, E. F. Schwier, Y. Kojima, M. Zheng, H. Iwasawa, K. Shimada, M. Taniguchi, L. Bartels, T. Rahman, P. A. Dowben

Journal of Physics: Condensed Matter **26**(45), 455501 (2014).

Spin-polarized angle-resolved photoelectron spectroscopy of the so-predicted Kondo topological insulator SmB_6

S. Suga, K. Sakamoto, T. Okuda, K. Miyamoto, K. Kuroda, A. Sekiyama, J. Yamaguchi, H. Fujiwara, A. Irizawa, T. Ito, S. Kimura, T. Balashov, W. Wulfhekel, S. Yeo, F. Iga, S. Imada

Journal of the Physical Society of Japan **83**(1), 014705 (2014).

Core excitations in resonant x-ray Raman scattering of titanium oxides: an approach for electronic structures

Y. Tezuka, T. Sasaki, Y. Fujita, T. Iwamoto, H. Osawa, S. Nozawa, N. Nakajima, H. Sato, T. Iwazumi

Journal of the Physical Society of Japan **83**(1), 014707 (2014).

Important roles of Te 5p and Ir 5d spin-orbit Interactions on the multi-band electronic structure of triangular lattice superconductor $Ir_{1-x}Pt_xTe_2$

D. Ootsuki, T. Toriyama, M. Kobayashi, S. Pyon, K. Kudo, M. Nohara, T. Sugimoto, T. Yoshida, M. Horio, A. Fujimori, M. Arita, H. Anzai, H. Namatame, M. Taniguchi, N. L. Saini, T. Konishi, Y. Ohta, T. Mizokawa

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ERRATA: Spin-polarized angle-resolved photoelectron spectroscopy of the so-predicted Kondo topological insulator SmB_6

S. Suga, K. Sakamoto, T. Okuda, K. Miyamoto, K. Kuroda, A. Sekiyama, J. Yamaguchi, H. Fujiwara, A. Irizawa, T. Ito, S. Kimura, T. Balashov, W. Wulfhekel, S. Yeo, F. Iga, S. Imada

Journal of the Physical Society of Japan **83**(3), 038001 (2014).

Observation of two peculiar types of electronic dispersive structures in thallium selenide studied by angle-resolved photoemission spectroscopy

S. Motonami, M. Arita, H. Anzai, K. Wakita, S. Hamidov, Z. Jahangirli, Y. Taguchi, H. Namatame, M. Taniguchi, G. Orudzhev, N. Mamedov, K. Mimura

Journal of the Physical Society of Japan **83**(5), 053707(L) (2014).

Distorted and undistorted atomic sites in a ferromagnetic semiconductor $Ge_{0.6}Mn_{0.4}Te$ film determined via x-ray fluorescence holography

N. Happo, K. Hayashi, S. Senba, H. Sato, M. Suzuki, S. Hosokawa

Journal of the Physical Society of Japan **83**(11), 113601(L) (2014).

Oxygen 2p partial density of states in a typical oxide glass B_2O_3

S. Hosokawa, H. Sato, K. Mimura, Y. Tezuka, D. Fukunaga, K. Shimamura, F. Shimojo

Journal of the Physical Society of Japan **83**(11), 114601 (2014).

Hard x-ray photoemission spectroscopy of quasi-one-dimensional $BaVS_3$

H. Sato, K. Tobimatsu, A. Tanaka, H. Nakamura, Y. Utsumi, K. Mimura, S. Motonami, K. Shimada, S. Ueda, K. Kobayashi, H. Namatame, M. Taniguchi

JPS Conference Proceedings **1**, 012116 (2014).

Photoemission studies of Kondo lattice compounds $YbNi_3(Ga_{1-x}Al_x)_9$

Y. Utsumi, H. Sato, H. Nagata, J. Kodama, S. Ohara, T. Yamashita, K. Mimura, S. Motonami, M. Arita, S. Ueda, K. Shimada, H. Namatame, M. Taniguchi

JPS Conference Proceedings **1,** 012117 (2014).

Angle resolved photoemission study of $GeBi_2Te_4$

M. Arita, H. Sato, K. Shimada, H. Namatame, M. Taniguchi, M. Sasaki, A. Ohnishi, H.-J. Kim

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Polarization-dependent ARPES study on quasi-one-dimensional $BaVS_3$

H. Sato, K. Tobimatsu, A. Tanaka, H. Nakamura, H. Hayashi, H. Iwasawa, K. Shimada, H. Namatame, M. Taniguchi

JPS Conference Proceedings **3**, 013105 (2014).

Orbital and magnetic orders in quasi-one-dimensional compound $BaVS_3$

A. Tanaka, H. Sato, H. Nakamura

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Study on interaction between phosphatidylcholine(PC) liposome and gold nanoparticles by TEM observation

C. Tsukada, T. Tsuji, K. Matsuo, H. Nameki, T. Yoshida, S. Yagi

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Valley-dependent spin polarization in bulk MoS_2

R. Suzuki, M. Sakano, Y. J. Zhang, K. Miyamoto, T. Okuda, K. Ishizaka, R. Akashi, R. Arita, Y. Iwasa, D. Morikawa, A. Harasawa, K. Yaji, K. Kuroda

Nature Nanotechnology **9**(8), 611 (2014).

Exceptional behavior of d-like surface resonances on W(110): the one-step model in its density matrix formulation

J. Braun, K. Miyamoto, A. Kimura, T. Okuda, M. Donath, H. Ebert, J. Minár

New Journal of Physics **16**(1), 015505 (2014).

The gigantic Rashba effect of surface states energetically buried in the topological insulator Bi_2Te_2Se

K. Miyamoto, T. Okuda, M. Nurmamat, M. Nakatake, H. Namatame, M. Taniguchi, E.V. Chulkov, K.A. Kokh, O.E. Tereshchenko, A. Kimura

New Journal of Physics **16**(6), 065016 (2014).

Direct observation of the spin polarization in Au atomic wires on Si(553)

H. W. Yeom, S. W. Jung, J. S. Shin, J. Kim, K. S. Kim, K. Miyamoto, T. Okuda, H. Namatame, A. Kimura, M. Taniguchi

New Journal of Physics **16**(9), 093030 (2014).

Reflectivity and Sherman maps of passivated Fe(001): Working points for a display-type spin-polarization analyzer

C. Thiede, C. Langenkämper, K. Shirai, A. B. Schmidt, T. Okuda, M. Donath

Physical Review Applied **1**(5), 054003 (2014).

Pseudogap formation above the superconducting dome in iron pnictides

T. Shimojima, T. Sonobe, W. Malaeb, K. Shinada, A. Chainani, S. Shin, T. Yoshida, S. Ideta, A. Fujimori, H. Kumigashira, K. Ono, Y. Nakashima, H. Anzai, M. Arita, A. Ino, H. Namatame, M. Taniguchi, M. Nakajima, S. Uchida, Y. Tomioka, T. Ito, K. Kihou, C. H. Lee, A. Iyo, H. Eisaki, K. Ohgushi, S. Kasahara, T. Terashima, H. Ikeda, T. Shibauchi, Y. Matsuda, K. Ishizaka

Physical Review B **89**(4), 045101 (2014).

Pressure-induced valence change of $YbNiGe_3$ investigated by resonant x-ray emission spectroscopy at the Yb L_3 edge

H. Sato, H. Yamaoka, Y. Utsumi, H. Nagata, M. A. Avila, R. A. Ribeiro, K. Umeo, T. Takabatake, Y. Zekko, J. Mizuki, J.-F. Lin, N. Hiraoka, H. Ishii, K.-D. Tsuei, H. Namatame, M. Taniguchi

Physical Review B **89**(4), 045112 (2014).

Many-body interactions and Rashba splitting of the surface state on Cu(110)

J. Jiang, S. S. Tsirkin, K. Shimada, H. Iwasawa, M. Arita, H. Anzai, H. Namatame, M. Taniguchi, I. Yu. Sklyadneva, R. Heid, K.-P. Bohnen, P. M. Echenique, E. V. Chulkov

Physical Review B **89**(8), 085404 (2014).

Bulk nature of layered perovskite iridates beyond the Mott scenario: An approach from a bulk-sensitive photoemission study

A. Yamasaki, S. Tachibana, H. Fujiwara, A. Higashiya, A. Irizawa, O. Kirilmaz, F. Pfaff, P. Scheiderer, J. Gabel, M. Sing, T. Muro, M. Yabashi, K. Tamasaku, H. Sato, H. Namatame, M. Taniguchi, A. Hloskovskyy, H. Yoshida, H. Okabe, M. Isobe, J. Akimitsu, W. Drube, R. Claessen, T. Ishikawa, S. Imada, A. Sekiyama, S. Suga

Physical Review B **89**(12), 121111(R) (2014).

Conduction-band electronic structure of 1T-TaS_2 revealed by angle-resolved inverse-photoemission spectroscopy

H. Sato, M. Arita, Y. Utsumi, Y. Mukaegawa, M. Sasaki, A. Ohnishi, M. Kitaura, H. Namatame, M. Taniguchi

Physical Review B **89**(15), 155137 (2014).

Evidence of coexisting Kondo screening and valence fluctuations in the $CePd_7$/Pd(001) surface alloy

M. Mulazzi, K. Shimada, J. Jiang, H. Iwasawa, F. Reinert

Physical Review B **89**(20), 205134 (2014).

Thickness-dependent appearance of ferromagnetism in Pd(100) ultrathin films

S. Sakuragi, T. Sakai, S. Urata, S. Aihara, A. Shinto, H. Kageshima, M. Sawada, H. Namatame, M. Taniguchi, T. Sato

Physical Review B **90**(5), 054411 (2014).

Excitonic Bose-Einstein condensation in Ta_2NiSe_5 above room temperature

K. Seki, Y. Wakisaka, T. Kaneko, T. Toriyama, T. Konishi, T. Sudayama, N. L. Saini, M. Arita, H. Namatame, M. Taniguchi, N. Katayama, M. Nohara, H. Takagi, T. Mizokawa, Y. Ohta

Physical Review B **90**(15), 155116 (2014).

Photoelectron spin-polarization-control in the topological insulator Bi_2Se_3

Z.-H. Zhu, C. N. Veenstra, S. Zhdanovich, M. P. Schneider, T. Okuda, K. Miyamoto, S.-Y. Zhu, H. Namatame, M. Taniguchi, M. W. Haverkort, I. S. Elfimov, A. Damascelli

Physical Review Letters **112**(7) 076802 (2014).

Characteristic two-dimensional Fermi surface topology of high-T_c iron-based superconductors

M. Sunagawa, T. Ishiga, K. Tsubota, T. Jabuchi, J. Sonoyama, K. Iba, K. Kudo, M. Nohara, K. Ono, H. Kumigashira, T. Matsushita, M. Arita, K. Shimada, H. Namatame, M. Taniguchi, T. Wakita, Y. Muraoka, T. Yokoya

Scientific Reports **4**, 4381 (2014).

Evidence of topological surface state in three-dimensional Dirac semimetal Cd_3As_2

H. Yi, Z. Wang, C. Chen, Y. Shi, Y. Feng, A. Liang, Z. Xie, S. He, J. He, Y. Peng, X. Liu, Y. Liu, L. Zhao, G. Liu, X. Dong, J. Zhang, M. Nakatake, M. Arita, K. Shimada, H. Namatame, M. Taniguchi, Z. Xu, C. Chen, X. Dai, Z. Fang, X. J. Zhou

Scientific Reports **4**, 6106 (2014).

Anisotropy of the superconducting gap in the iron-based superconductor $BaFe_2(As_{1-x}P_x)_2$

T. Yoshida, S. Ideta, T. Shimojima, W. Malaeb, K. Shinada, H. Suzuki, I. Nishi, A. Fujimori, K. Ishizaka, S. Shin, Y. Nakashima, H. Anzai, M. Arita, A. Ino, H. Namatame, M. Taniguchi, H. Kumigashira, K. Ono, S. Kasahara, T. Shibauchi, T. Terashima, Y. Matsuda, M. Nakajima, S. Uchida, Y. Tomioka, T. Ito, K. Kihou, C. H. Lee, A. Iyo, H. Eisaki, H. Ikeda, R. Arita, T. Saito, S. Onari, H. Kontani

Scientific Reports **4**, 7292 (2014).

List of Resarch Proposals

14-A-1 Ruihua He (Boston College)
Seeing circular dichroism in photoemission of chiral electronic states

14-A-2 Satoshi Asaoka (Kobe University)
Development of a coal fly ash and cement mixture to remove hydrogen sulfide from water

14-A-3 Jun'ichiro Mizuki (Kwansei Gakuin University)
Angle-resolved photoelectron spectroscopy study on Ce1-2-10 systems

14-A-4 Hitoshi Yamaoka (RIKEN, SPring-8 Center)
X-ray absorption spectroscopy of $NaCr_2O_4$ and related compounds at O K and Cr K edge

14-A-5 Hitoshi Yamaoka (RIKEN, SPring-8 Center)
High resolution photoelectron spectroscopy of $NaCr_2O_4$

14-A-6 Shinya Hosokawa (Kumamoto University)
Conduction-band electronic states of $Pd_{40}Cu_{20}Ge_{40}$ metallic glass having curious atomic structure and thermodynamic properties

14-A-7 Shinya Hosokawa (Kumamoto University)
Electronic states of $Pd_{40}Cu_{20}Ge_{40}$ metallic glass having curious atomic structure and thermodynamic properties

14-A-8 Kyung-Hoi Kim (Hiroshima University)
Study of oxide semiconductors by photoemission and inverse photoemission spectroscopies

14-A-9 Shuyun Zhou (Tsinghua University)
ARPES studies of proximity effect between topological insulator films and high temperature superconductors

14-A-10 Shuyun Zhou (Tsinghua University)
Angle-resolved photoemission spectroscopic studies of novel graphene-like two dimensional crystals

14-A-11 Takeshi Kondo (University of Tokyo)
Topological quantum phases studied in iridate oxides

14-A-12 Shinjiro Hayakawa (Hiroshima University)
Electrochemical deposition of sulfide films and sulfur K-edge XAFS characterization

14-A-13 Takashi Mizokawa (University of Tokyo)
Angle-resolved photoemission study of spin-charge-orbital instabilities in layered transition-metal chalcogenides with ARPES

14-A-14 Jorge Lobo Checa (CSIC-UPV/EHU)
Investigation of surface alloy spin texture transfer to organic monolayers

14-A-15 Shuyun Zhou (Tsinghua University)
Resolving the electronic and spin structure in doped topological crystalline insulators

14-A-16 Kentaro Fujii (Japan Atomic Energy Agency)
VUV-CD measurements of modified histone proteins

14-A-17 Kojiro Mimura (Osaka Prefecture University)
Observation of change in the Fermi surface through the two valence trasitions for EuPtP II

14-A-18 Kojiro Mimura (Osaka Prefecture University)
Observation of Eu 4f-dirived Fermi surface in the heavy-Fermion system $EuNi_2P_2$

14-A-19 Kojiro Mimura (Osaka Prefecture University)
Low-energy angle-resolved photoemission study of the heavy-Fermion system $EuNi_2P_2$

14-A-20 Hiroaki Anzai (Osaka Prefecture University)
Valence transition in rare-earth compounds EuPtP studied by low-energy ARPES

14-A-21 Takayoshi Yokoya (Okayama University)
Direct observation of the superconducting gap of La and P co-doping $CaFe_2As_2$ studied by high-resolution polarization-dependent ARPES

14-A-22 Yoshihiro Aiura (National Institute of Advanced Industrial Science and Technology)
Photoemission spectroscopy of transparent oxide semiconductor

14-A-23 M. Zahid Hasan (Princeton University)
Experimental search for topological Weyl semimetal phase and surface Fermi arcs in magnetically doped Na_3Bi system

14-A-24 Jun Fujii (IOM-CNR)
Spin-resolved ARPES of the d-states of IrO_2

14-A-25 Yasuyuki Maki (Gunma University)
Microrheology of process in mixtures of proteins and polysaccharides studied by VUVCD

14-A-26 Koichi Matsuo (Hiroshima University)
Structural analysis of saccharides interacted with Lectin using SR-VUVCD spectroscopy

14-A-27 Kouji Miyamoto (Hiroshima University)
Spin polarized surface state with d character at vicinal surface of W(110)

14-A-28 Tetsuya Sato (Keio University)
Observation of quantum well states in Pd(100) ultra thin films with ARPES

14-A-29 Shinichiro Tanaka (Osaka University)
Quantitative measurements of the polarization dependence on the angle-resolved photoelectron spectroscopy : A study of graphite

14-A-30 Shinichiro Tanaka (Osaka University)
A study of CDW (Charge Density Wave) transition on the graphite surface

14-A-31 Hitoshi Sato (Hiroshima University)
Angle-resolved photoemission spectroscopy of Kondo-lattice systems $YbNi_3X_9$(X=Al, Ga) III

14-A-32 Hitoshi Sato (Hiroshima University)
Observation of the Kondo peak in Yb compounds with valence fluctuation

14-A-33 Hitoshi Sato (Hiroshima University)
Inverse-photoemission spectroscopy of one-dimensional $Ca_{1-x}Na_xCo_2O_4$

14-A-34 Hitoshi Sato (Hiroshima University)
Inverse-photoemission spectroscopy of one-dimensional $Cu_{10}T_2Sb_4S_{13}$(T : 3d transition metal)

14-A-35 Hitoshi Sato (Hiroshima University)
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Symposium

The 19th Hiroshima International Symposium on Synchrotron Radiation

— VUV synchrotron radiation based materials science : Present status and future prospects —

Mrach 5 – Mrach 6, 2015, Hiroshima University Faculty Club

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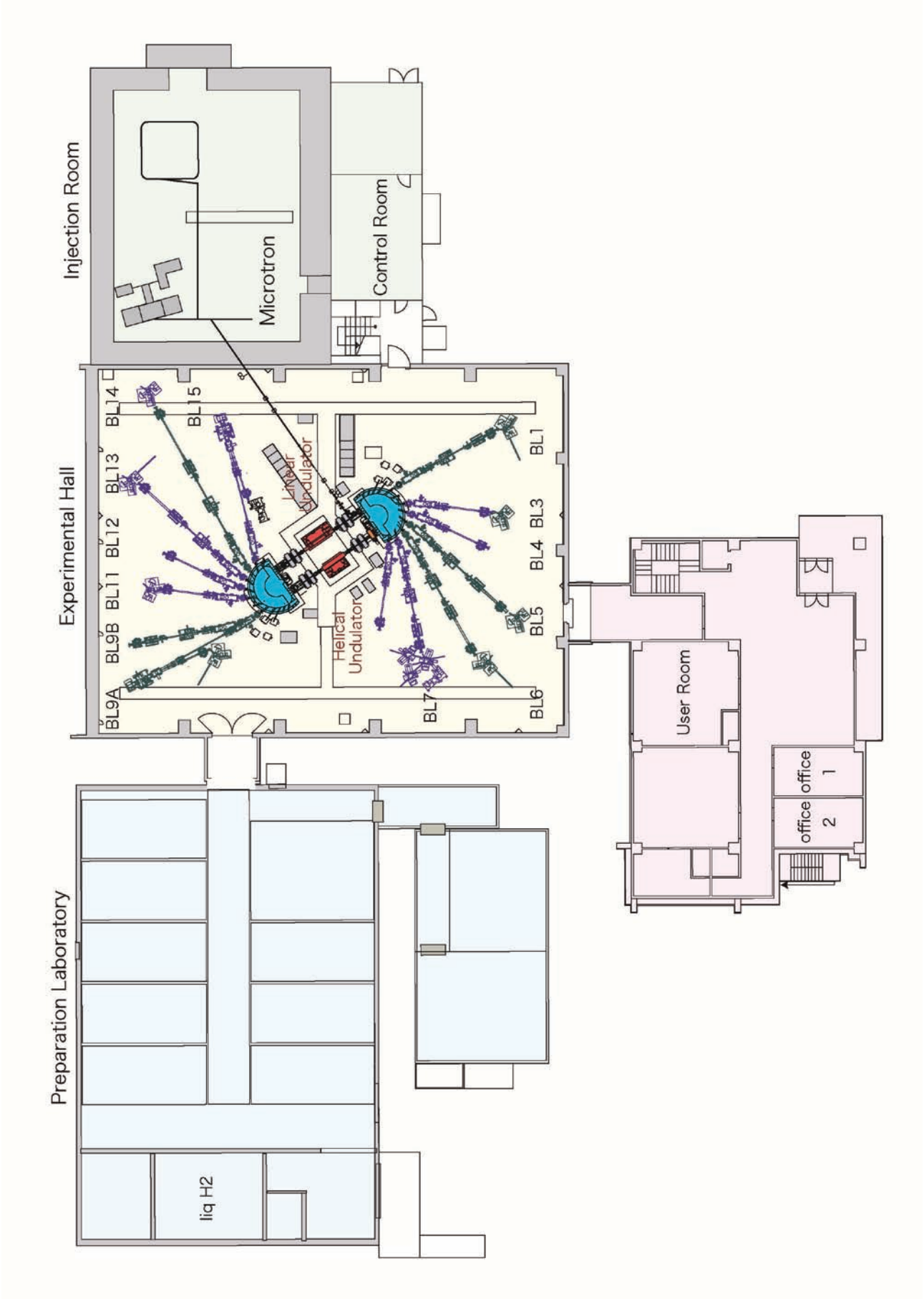

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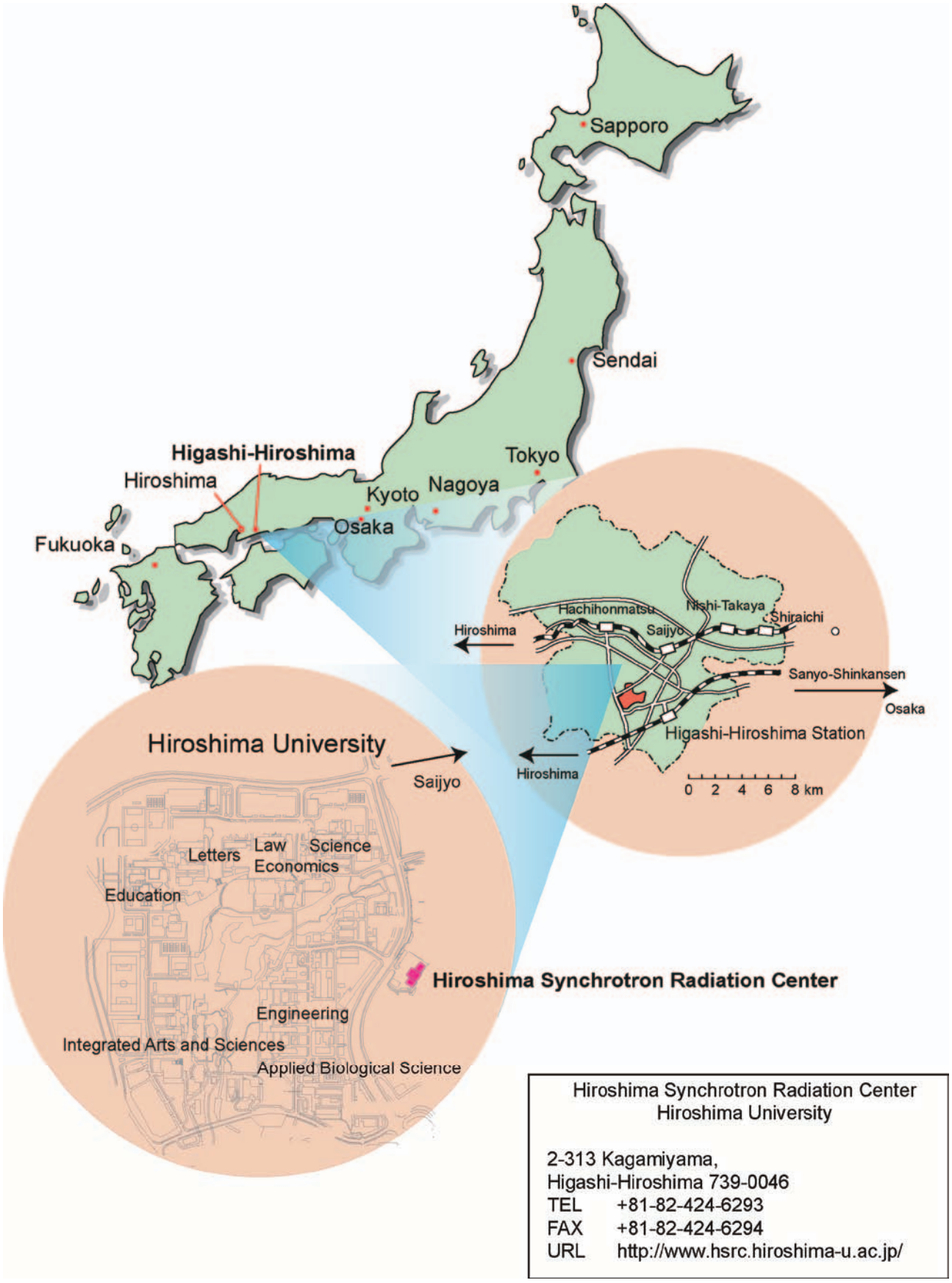

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