

Day 1, 9/26 (Monday)			
Room 2303		Room 2304	
9:10-9:20 PC Connection			
Session Aa		Session Ab	
9:20-10:40 Chair: 田原圭志朗 (兵庫県立大)		9:20-10:40 Chair: 吉田 将己 (北海道大)	
1Aa-01 9:20-9:40	シクロノナテトラエンパラジウムクラスターの合成と構造 (東工大物質理工, 防衛大応化) ○大庭 優希, 森平 梨紗子, 山本 浩二, 重田 翼, 村橋 哲郎	1Ab-01 9:20-9:40	Substituent effect on structural packing and fluorescence of [Zn(sala-X) <sub>2</sub> ] (Kumamoto Univ., Walailak Univ.) ○ Takorn Poosapmee, Sekine Yoshihiro, Shinya Hayami, Phimpaka Harding, David James Harding
1Aa-02 9:40-10:00	エチニド基とジアミン配位子を持つ銀3核クラスターと8核クラスターの合成と結晶構造 (日大院総合基, 日大文理) ○橋本 大樹, 北村 和暉, 大橋 賢二, 石崎 聡晴, 尾関 智二	1Ab-02 9:40-10:00	Comparison of Luminescence Properties of Silver(I) and Copper(I) Halogenido Coordination Polymers Bridged by Dimethylpyrazine (Univ. of Toyama, Grad. Sch. of Sci. and Eng.) Taiki Kuwahara, Hideki Ohtsu, OKiyoshi Tsuge
1Aa-03 10:00-10:20	D-ペニシラミンとジホスフィンをもつ金(I)銀(I)銅(II)ダンベル型錯体の合成 (阪大院理, 国立台湾師範大) ○馬場 大知, 小島 達弘, 竹田 啓人, 吉成 信人, 今野 巧	1Ab-03 10:00-10:20	エカトリアル位とアキシシャル位に励起波長選択性を設計した多重発光型希土類錯体の開発 (青山学院大理工) ○村田 雄貴, 大曲 仁美, 長谷川 美貴
1Aa-04 10:20-10:40	Solid-state Coordination-Driven Molecular Rearrangement of Au <sub>6</sub> Ag <sub>3</sub> Cu <sub>3</sub> Complexes Induced by Anion Exchange ○ Tatsuhiko KOJIMA, Hiroto TAKEDA, Hiroyoshi OHTSU, Naoto KUWAMURA, Nobuto YOSHINARI, Takumi KONNO	1Ab-04 10:20-10:40	ガラス状ランタニド三元錯体の合成とその発光特性 (青山学院大理工) ○吉川 知輝, 大曲 仁美, 長谷川 美貴
10:40-10:50 PC Connection			
Session Aa		Session Ab	
10:50-11:50 Chair: 堀内 新之介 (東京大)		10:50-11:50 Chair: 大津 英揮 (富山大)	
1Aa-05 10:50-11:10	Blue-light Induced Reduction of Oxo-bridged Hexanuclear Cerium(IV) Clusters via Homolysis of a Cerium – Ligand Covalent Bond (Grad. Sch. of Eng. Sci., Osaka Univ., Grad. Sch. of Pharm. Sci., Osaka Univ.) ★ Tomomi KAWAKAMI, Sota TAMAKI, Hayato TSURUGI, Kazushi MASHIMA	1Ab-05 10:50-11:10	Triboluminescence via chemical reaction of nitrate at the interface of chiral lanthanide complex pillars (College of Sci. and Eng., Aoyama Gakuin Univ., Dept. of Appl. Chem. for Environment, Kwansei Gakuin Univ., Inst. of Ind. Sci., The Univ. of Tokyo, CONFLEX Corporation) ★ Reo OHNO, Yukina YAMAMOTO, Akira SASO, Hitomi OHMAGARI, Daisuke SAITO, Masanobu KARASAWA, Masako KATO, Kazuyuki ISHII, Naofumi NAKAYAMA, Miki HASEGAWA
1Aa-06 11:10-11:30	プロトン・電子移動部位を有する鉄ポルフィリン錯体の合成と性質 (阪大院工, JST さきがけ) ○今井 真秀, 小杉 健斗, 近藤 美欧, 正岡 重行	1Ab-06 11:10-11:30	Study of red-emitting Cu(I)-pyridinophane-arylamide complexes and their covalent incorporation into polymers to produce mechanoresponsive materials (Okinawa Inst. of Sci. and Tech.) ★ Tatiana Gridneva, Ayumu Karimata, Julia Khusnutdinova
1Aa-07 11:30-11:50	亜酸化窒素還元酵素の活性中心を模倣した新規アントラセン架橋型二核銅錯体の化学的・電気化学的性質 (名工大院工, 愛工大) ○森 優, 和佐田 祐子, 猪股 智彦, 増田 秀樹, 小澤 智宏	1Ab-07 11:30-11:50	Assembly-Induced Luminescence of M(II) Complexes (M = Pt, Pd) with a C <sup>N</sup> C Tridentate N-Heterocyclic Carbene (Hokkaido Univ., Kwansei Gakuin Univ.) ○ Daisuke SAITO, Masaki YOSHIDA, Atsushi KOBAYASHI, Masako KATO
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 1PA-01-1PA-16; <b>2216:</b> 1PA-17-1PA-32; <b>2201:</b> 1PA-33-1PA-48 <b>2202:</b> 1PA-49-1PA-64; <b>2203:</b> 1PA-65-1PA-80; <b>2204:</b> 1PA-81-1PA-89, 1PB-01-1PB-07 <b>2207:</b> 1PB-08-1PB-16, 1PC-01-1PC-07; <b>2208:</b> 1PC-08-1PC-13, 1PD-01-1PD-10 <b>2209:</b> 1PD-11-1PD-17, 1PE-01-1PE-09; <b>2210:</b> 1PE-10-1PE-11, 1PF-01-1PF-14 <b>2211:</b> 1PF-15-1PF-30; <b>2212:</b> 1PF-31-1PF-47		
14:50-15:00 Break			
15:00-18:10	<b>Symposium S4</b> Frontiers in Dinuclear/Multinuclear Metal Catalyst: Structure, Reactivity, Electronic State	15:00-18:25	<b>Symposium S5</b> Precisely designed metal complex environment for new functions

Day 1, 9/26 (Monday)			
Room 2305		Room 2306	
9:10-9:20 PC Connection			
Session Ac		Session B	
9:20-10:40 Chair: 西岡 孝訓 (大阪公立大)		9:20-10:40 Chair: 井口 弘章 (名古屋大)	
1Ac-01 9:20-9:40	Self-assembly of Chiral Lanthanide Complexes (Sch. of Chem., Univ. of Lincoln) ○ Guzman Gil-Ramirez, Adam Holt	1B-01 9:20-9:40	Hidden heterometallic interaction emerges from resonant inelastic X-ray scattering in luminescent Tb – Pt molecules (Innovation Res. Center for Fuel Cells, The Univ. of Electro-Communications, Dept. of Chem., Grad. Sch. of Sci., Tohoku Univ.) ○ Takefumi YOSHIDA, Yasuhiro IWASAWA, Masahiro YAMASHITA
1Ac-02 9:40-10:00	Self-assembly of Heterotetranuclear Calcium-Lanthanide-Thiacalixarene Complexes (Grad. Sch. of Environ. Studies, Tohoku Univ.) ○ Ryunosuke KARASHIMADA, Hironori MATSUOKA, Nobuhiko IKI	1B-02 9:40-10:00	亜鉛間相互作用を利用した可視光応答性Zn二核錯体の開発 (東大院工, 東大生研, JST さきがけ) ○丸地 貴大, 石井 玲音, 和田 啓幹, 砂田 祐輔
1Ac-03 10:00-10:20	Rhパドルホイル錯体から構築されるケージ化合物の合成と機能 (阪大院工, JST さきがけ) ○奥田 佳那子, 石見 輝, 藤澤 信樹, 嵯峨 裕, 近藤 美欧, 正岡 重行	1B-03 10:00-10:20	Synthesis of a 3D chiral networked MX compound (Kyoto Univ., JASRI/SPring-8) ○ Hao LIANG, Kazuya OTSUBO, Shogo KAWAGUCHI, Yuiga NAKAMURA, Hiroshi KITAGAWA
1Ac-04 10:20-10:40	Photochemical Properties of Pd(II) Phenylacetylide Complexes (IIS, Univ. of Tokyo) ○ Ryota ONO, Kei MURATA, Kazuyuki ISHII	1B-04 10:20-10:40	銀イオン配位によるアルキニル白金テルピリジン錯体の発光特性変化 (阪大院基礎工) ○安藤 直輝, 鈴木 修一, 直田 健
10:40-10:50 PC Connection			
Session Ac		Session B	
10:50-11:50 Chair: 重田 翼 (東京工業大)		10:50-11:50 Chair: 林 幹大 (長崎大)	
1Ac-05 10:50-11:10	New method for synthesis of Au <sub>25</sub> SR <sub>18</sub> by dendrimer template (Tokyo Inst. of Tech., Chem. & Life Sci., JST ERATO, JST PRESTO) ○ Hisanori MURAMATSU, Tetsuya KAMBE, Takamasa TSUKAMOTO, Takane IMAOKA, Kimihisa YAMAMOTO	1B-05 10:50-11:10	Synthesis and physical properties of a dithiopropanoate-based MMX-chain complex with a terminal methyl ester group (Kyoto Univ., JASRI/SPring-8) ★ Hayato MORIYAMA, Kazuya OTSUBO, Yuiga NAKAMURA, Hiroshi KITAGAWA
1Ac-06 11:10-11:30	Seed-Mediated Growth of Au Nanoparticle in the Nanospace of an Organic Cage Molecule (Dept. of Chem., Fac. of Pure and Appl. Sci., Univ. of Tsukuba, Fac. of Life & Environ. Sci., Teikyo Univ. of Sci.) ○ Nozomi MIHARA, Ayaka MACHIDA, Takuya SHIGA, Ayumi ISHII, Masayuki NIHEI	1B-06 11:10-11:30	イミドイルアミジナト白金(II)錯体の発光と結晶構造の圧力および温度依存性 (長崎大院工, 兵庫県立大院理, 東大院総合文化, 近畿大理工) ○岸川 亮, 中内 健司, 藤原 麻友香, 堀内 新之介, 小澤 芳樹, 阿部 正明, 杉本 邦久, 作田 絵里, 有川 康弘, 馬越 啓介
1Ac-07 11:30-11:50	Probing aurophilic interaction through Raman and emission spectroscopy for complexes having [Au(SCN) <sub>2</sub> ] <sup>-</sup> dimeric and trimeric moieties (The Univ. of Tokyo, Jagiellonian Univ.) ○ KUNAL KUMAR, Olaf Stefanczyk, Szymon Chorazy, Koji Nakabayashi, Shin-ichi Ohkoshi	1B-07 11:30-11:50	Ni(III) Mott-Hubbard-like State Containing High-Spin Ni(II) in a Semiconductive Bromide-Bridged Ni-Chain Compound (Tohoku Univ., Nagoya Univ.) ○ Masanori Wakizaka, Mohammad Rasel Mian, Hiroaki Iguchi, Shinya Takaishi, Masahiro Yamashita
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 1PA-01-1PA-16; <b>2216:</b> 1PA-17-1PA-32; <b>2201:</b> 1PA-33-1PA-48 <b>2202:</b> 1PA-49-1PA-64; <b>2203:</b> 1PA-65-1PA-80; <b>2204:</b> 1PA-81-1PA-89, 1PB-01-1PB-07 <b>2207:</b> 1PB-08-1PB-16, 1PC-01-1PC-07; <b>2208:</b> 1PC-08-1PC-13, 1PD-01-1PD-10 <b>2209:</b> 1PD-11-1PD-17, 1PE-01-1PE-09; <b>2210:</b> 1PE-10-1PE-11, 1PF-01-1PF-14 <b>2211:</b> 1PF-15-1PF-30; <b>2212:</b> 1PF-31-1PF-47		
14:50-15:00 Break			
15:00-18:30	<b>Symposium S6</b> Solid-state reaction in coordination chemistry -new aspects beyond solution reaction-	15:00-18:00	<b>Symposium S7</b> Frontiers of coordination chemistry toward hydrogen society

Day 1, 9/26 (Monday)			
Room 2108		Room 2107	
9:10-9:20 PC Connection			
Session C		Session D	
9:20-10:40 Chair: 和田 亨 (立教大)		9:20-10:40 Chair: 有川 康弘 (長崎大)	
1C-01 9:20-9:40	Pentanuclear Nickel Complex-Promoted Electrochemical Hydrocarboxylation of Styrene under CO <sub>2</sub> Atmosphere (Osaka Univ, JST PRESTO) ★ Nozomi YAMAGUCHI, Yutaka SAGA, Mio KONDO, Shigeyuki MASAOKA	1D-01 9:20-9:40	直鎖状四座ホスフィンを支持配位子とする非対称銅二核錯体により促進されるギ酸分解反応における配位子の置換基効果 (奈良女大理) ○住川 瑞季, 今井香歩, 中島 隆行, 棚瀬 知明
1C-02 9:40-10:00	アルコール溶液中におけるRe(I)錯体のCO <sub>2</sub> 捕集および低濃度CO <sub>2</sub> の電気化学還元 (東工大) ○宮路 雅彦, 玉置 悠祐, 石谷 治	1D-02 9:40-10:00	直鎖状四座ホスフィン配位子を支持配位子とする非対称銅二核錯体により促進されるギ酸分解反応及び二酸化炭素の還元反応における配位子内に導入したアミノ基の効果 (奈良女大理) ○安達 なつみ, 中島 隆行, 棚瀬 知明
1C-03 10:00-10:20	有機薄膜を被覆したCu <sub>2</sub> O-Agバイメタルナノ粒子を触媒とするCO <sub>2</sub> 電解還元 (広島大院先進理工) ○黒目 武志, 梅田 拓真, 久米 晶子, 久保 和幸, 水田 勉, Rong Shang	1D-03 10:00-10:20	中心金属近傍に芳香環を配する電子供与性配位子を用いた低原子価コバルト錯体の合成と反応 (阪大院理) ○大塚 信之介, 畑中 翼, 船橋 靖博
1C-04 10:20-10:40	不斉配位子を持つRhヒドリド錯体を用いた電気化学的アラニン合成 (九大先導研, 東北大AIMR) ○鮫島 徹真, 堂ノ下 将希, 福嶋 貴, 山内 美穂	1D-04 10:20-10:40	シリル-NHC二座配位子をもつ鉄錯体: 合成およびニトリルの二重ヒドロホウ素化に対する触媒活性 (東北大大院理) ○早坂 光平, 小室 貴士, 橋本 久子
10:40-10:50 PC Connection			
Session E		Session D	
10:50-11:50 Chair: 森本 祐麻 (大阪大)		10:50-11:50 Chair: 中島 隆行 (奈良女子大)	
1E-05 10:50-11:10	Metal-mediated stabilization of picolinic acid-modified DNA duplex synthesized by chemoenzymatic modification reactions (Grad. Sch. of Sci., The Univ. of Tokyo) ★ Kohei SAKURAI, Yusuke TAKEZAWA, Mitsuhiko SHIONOYA	1D-05 10:50-11:10	レドックススイッチ機能を有するRu-Pt異種二核π-アリル錯体の合成と反応性 (阪公大院理) ○堀川 順哉, 阪上 尚希, 木曾 彩日, 竹本 真, 松坂 裕之
1E-06 11:10-11:30	Directed Evolution of an Artificial Metalloenzyme Containing an Iron Corrole Complex Using a High-throughput Screening Platform Based on an Affinity Purification System (Grad. Sch. of Eng., Osaka Univ.) ★Koki Takeuchi, Shunsuke Kato, Takashi Hayashi	1D-06 11:10-11:30	σ-電子受容性ボラン配位子を有するアニオン性Pt(0)およびPd(0)錯体の合成 (阪公大院理) ○泉 大輔, 田中 悠大, 亀尾 肇, 松坂 裕之
1E-07 11:30-11:50	Burst of DNA Double-Strand Break by a Dicopper Complex with p-Cresol-2,6-Bis(dpa) Amide-Tether Ligand via Reductive O <sub>2</sub> -Activation (Grad. Sch. of Sci. and Eng., Doshisha Univ.) ★ Machi HATA, Yutaka HITOMI, Masahito KODERA	1D-07 11:30-11:50	Synthesis of Donor-Acceptor Molecules Cross-Linked by Conjugated Trienyl Unit: The Mechanistic Insights and the Photochemical-Electronic Properties (Dept. of Appl. Chem., Tokyo Univ. of Agriculture and Tech.) ○ Sayori KIYOTA, Kohei KAMAKURA, Nobuyuki KOMINE, Masafumi HIRANO
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 1PA-01-1PA-16; <b>2216:</b> 1PA-17-1PA-32; <b>2201:</b> 1PA-33-1PA-48 <b>2202:</b> 1PA-49-1PA-64; <b>2203:</b> 1PA-65-1PA-80; <b>2204:</b> 1PA-81-1PA-89, 1PB-01-1PB-07 <b>2207:</b> 1PB-08-1PB-16, 1PC-01-1PC-07; <b>2208:</b> 1PC-08-1PC-13, 1PD-01-1PD-10 <b>2209:</b> 1PD-11-1PD-17, 1PE-01-1PE-09; <b>2210:</b> 1PE-10-1PE-11, 1PF-01-1PF-14 <b>2211:</b> 1PF-15-1PF-30; <b>2212:</b> 1PF-31-1PF-47		
14:50-15:00 Break			

Day 1, 9/26 (Monday)			
Room 2406		Room 2403/2404	
9:10-9:20 PC Connection			
Session Fa		Session Fb	
9:20-10:40 Chair: 大竹 研一 (京大)		9:20-10:40 Chair: 周 泓遥 (東京大)	
1Fa-01 9:20-9:40	Guest Enfolding via Formation of Metal – Organic Frameworks (Grad. Sch. of Front. Sci., The Univ. of Tokyo, Grad. Sch. of Eng., The Univ. of Tokyo) ○Nagi MIZUTANI, Nobuhiko HOSONO, Takashi UEMURA	1Fb-01 9:20-9:40	Dynamic Nuclear Polarization in Porous Media Using Photoexcited Triplet Electrons (Dept. of Appl. Chem., Grad. Sch. of Eng., Kyushu Univ.) ○SINGH BALJEET, Tomoyuki Hamachi, Naoto Matsumoto, Reiya Yabuki, Nobuhiro Yanai
1Fa-02 9:40-10:00	Enzymes Immobilization using Ionic Metal-Organic Polyhedra (Dept. of Chem., Kyushu Univ.) ○Benjamin LE OUAY, Ryosuke MINAMI, Masaaki OHBA	1Fb-02 9:40-10:00	新規安定ラジカル結合型イリジウムポルフィリン錯体の合成と光化学 (東大生研) ○楊川 博久, 村田 慧, 石井 和之
1Fa-03 10:00-10:20	Molecular recognition and cooperative dynamics of a metal-benzimidazole[3]arene framework with structurally complex pore surfaces (Grad. Sch. of Sci., The Univ. of Tokyo) ○ Shohei TASHIRO, Yoshiki OKAJIMA, Mitsuhiko SHIONOYA	1Fb-03 10:00-10:20	アリル配位子を有するロジウムフタロシアニン錯体の赤色光アンケーシング反応 (東大生研) ○青野 瑞生, 村田 慧, 石井 和之
1Fa-04 10:20-10:40	Helical Inversion Dynamics in a Metal – Peptide Framework (Sch. of Eng., The Univ. of Tokyo, RIKEN Center for Emergent Matter Sci., JST PRESTO) ★Wei Yuan, Hiroshi Sato, Takuzo Aida	1Fb-04 10:20-10:40	Diradical-platinum(II) Complex Conjugated Folic Acid toward Cancer-specific Near-infrared Imaging (Grad. Sch. of Environ. Studies, Tohoku Univ., Grad. Sch. of Sci. and Tech. for Innovation, Yamaguchi Univ.) ★ Ryota SAWAMURA, Atsuko MASUYA-SUZUKI, Nobuhiko IKI
10:40-10:50 PC Connection			
Session Fa		Session Fb	
10:50-11:50 Chair: 田代 省平 (東京大)		10:50-11:50 Chair: 村田 慧 (東京大)	
1Fa-05 10:50-11:10	Polymer Recognition by Coordination-Driven Insertion into Metal – Organic Frameworks (Grad. Sch. Front. Sci., Tokyo Univ., Grad. Sch. Eng., Tokyo Univ.) ★ Mizuki Asami, Biplab Manna, Nobuhiko Hosono, Takashi Uemura	1Fb-05 10:50-11:10	Chirality Induction of a Terbium Complex on a Chiral Ligand Functionalized Silica Surface (Dept. Chem., Grad. Sch. Sci., Nagoya Univ., Dept. Appl. Chem., Grad. Sch. Sci. Eng., Kindai Univ., IMS, RCMS, Nagoya Univ.) ★ Sora Shirai, Satoshi Muratsugu, Hidetaka Nakai, Masahiro Ehara, Mizuki Tada
1Fa-06 11:10-11:30	Adaptable water networks inside a metal-organic framework for crystallographic visualization of medicinal molecules (Sch. of Sci., Tokyo Inst. of Tech., Grad. Sch. of Eng., Nagasaki Univ.) ★ Yuki Wada, Pavel Usov, Bun Chan, Hiroyoshi Ohtsu, Masaki Kawano	1Fb-06 11:10-11:30	Thermo-sensitive luminescence of nona-nuclear Ln(III) clusters with tetraethylene glycol monomethyl ether chains (Grad. Sch. of Chem. Sci. and Eng., Hokkaido Univ., Fac. of Eng., Hokkaido Univ., WPI-ICReDD) ★ Yuki KONISHI, Sunao SHOJI, Yuichi KITAGAWA, Koji FUSHIMI, Yasuchika HASEGAWA
1Fa-07 11:30-11:50	Spatially controlled hybridization of metal – organic frameworks via photochemical surgery (Sch. of Eng., The Univ. of Tokyo, JST PRESTO, RIKEN Center for Emergent Matter Sci.) ★ Kunyi Leng, Takuzo Aida, Hiroshi Sato	1Fb-07 11:30-11:50	Electrochemical Control of Coil-Globule Transition of Cationic Polymer with Iron Hexacyanide and the Application as Smart Window (Dept. of Chem., Sch. of Sci., The Univ. of Tokyo) ★ Ryohei Matsuno, Zhou Hongyao, Teppei Yamada
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 1PA-01-1PA-16; <b>2216:</b> 1PA-17-1PA-32; <b>2201:</b> 1PA-33-1PA-48 <b>2202:</b> 1PA-49-1PA-64; <b>2203:</b> 1PA-65-1PA-80; <b>2204:</b> 1PA-81-1PA-89, 1PB-01-1PB-07 <b>2207:</b> 1PB-08-1PB-16, 1PC-01-1PC-07; <b>2208:</b> 1PC-08-1PC-13, 1PD-01-1PD-10 <b>2209:</b> 1PD-11-1PD-17, 1PE-01-1PE-09; <b>2210:</b> 1PE-10-1PE-11, 1PF-01-1PF-14 <b>2211:</b> 1PF-15-1PF-30; <b>2212:</b> 1PF-31-1PF-47		
14:50-15:00 Break			
15:00-17:50	<b>Symposium S2</b> Advanced Design of Functional Nanospaces for Molecular Recognition and Conversion	15:00-19:00	<b>Symposium S3</b> New directions in the use of light and coordination compounds for CO <sub>2</sub> reduction

Day 1, 9/26 (Monday)			
Room 2407		Room 2308	
9:10-9:20 PC Connection			
Session Fc		Session Fd	
9:20-10:40 Chair: 小林 文也 (東京理科大)		9:20-10:40 Chair: 佐藤 俊介 (豊田中央研究所)	
1Fc-01 9:20-9:40	Synthesis of Microporous Aluminosilicate by Direct Thermal Activation of Phenyl-Substituted Single-Source Molecular Precursor (Fac. of Sci. and Eng., Chuo Univ., Grad. Sch. of Eng., Kyoto Univ., Inst. of Innovative Res., Tokyo Tech.) ★Akira IMAIZUMI, Akinobu NAKADA, Takeshi MATSUMOTO, Toshiyuki YOKOI, Ho-Chol Chang	1Fd-01 9:20-9:40	Bimetallic early-transition-precious metal subnanoparticles for low-temperature RWGS (Tokyo Inst. of Tech., Tohoku Univ., InterNat. Christian Univ.) ★Augie Atqa, Masanori Wakizaka, Wang-Jae Chun, Takane Imaoka, Kimihisa Yamamoto
1Fc-02 9:40-10:00	層状MnO <sub>2</sub> による水素生成および[Co(en) <sub>3</sub> ]を層間に導入し水素生成能力の向上 (関東学院大理工) ○沖口 陸, 瀬沼 愛佑梨, ZHAO HETIAN, 鎌田 素之, 友野 和哲	1Fd-02 9:40-10:00	Highly selective methane oxidation by molecular iron catalysts with hydrophobic pockets in aqueous media (Dept. of Chem., Fac. of Pure and Appl. Sci., Univ. of Tsukuba, Inst. for Mat. Chem. and Eng., Kyushu Univ., CREST, JST) ★Hiroto Fujisaki, Tomoya Ishizuka, Hiroaki Kotani, Yoshihito Shiota, Kazunari Yoshizawa, Takahiko Kojima
1Fc-03 10:00-10:20	Optical Resolution of Cyclometalated Iridium(III) Complexes via Diastereomeric Intermediates and Biological Evaluation of Optically Pure Ir(III) Complex-Peptide Hybrids (Fac. of Pharm. Sci., Tokyo Univ. of Sci., Dept. of Chem., Grad. Sch. of Sci., Nagoya Univ., JST PRESTO, Fac. of Sci., Tokyo Univ. of Sci., RIST, Tokyo Univ. of Sci., Res. Inst. for Biomedical Sci., Tokyo Univ. of Sci.) ○Azusa KANBE, Kenta YOKOI, Yasuyuki YAMADA, Daiji OGATA, Junpei YUASA, Shin AOKI	1Fd-03 10:00-10:20	Preparation and Selective Oxidation Performances of Rutile-type IrO <sub>2</sub> Nanoparticle Catalysts (Dept. Chem., Grad. Sch. Sci., Nagoya Univ., RCMS, Nagoya Univ.) ○ Satoshi Muratsugu, Takatoshi Sudoh, Daichi Itoh, Chaoqi Chen, Satoru Ikemoto, Mizuki Tada
1Fc-04 10:20-10:40	Length effects on single-molecule conductance of dinuclear ruthenium polyyne molecular wires (Lab. for Chem. and Life Sci., Tokyo Inst. of Tech., Dept. of Chem. Sci. and Eng., Sch. of Mat. and Chem. Tech., Dept. of Chem., Sch. of Sci., Tokyo Inst. of Tech.) ○Yuya Tanaka, Keita Suzuki, Shintaro Fujii, Tomoaki Nishino, Munetaka Akita	1Fd-04 10:20-10:40	Cu, Fe and N-doped carbon nanotubes for electrocatalytic oxygen reduction (Fac. of Environ. Earth Sci., Hokkaido Univ., Grad. Sch. of Environ. Sci., Hokkaido Univ., QST, Inst. for Catal., Hokkaido Univ.) ○ Masaru Kato, Daiki Abe, Siqi Xie, Shun Sato, Natsuki Fujibayashi, Kosuke Fujiwara, Takaya Mitsui, Kiyotaka Asakura, Ichizo Yagi
10:40-10:50 PC Connection			
Session Fc		Session Fd	
10:50-11:50 Chair: 植村 一広 (岐阜大)		10:50-11:50 Chair: 内田 さやか (東京大)	
1Fc-05 10:50-11:10	Bias modulative proton conductivity in a polar crystal of K <sub>2</sub> MnN(CN) <sub>4</sub> ·H <sub>2</sub> O (Dept. of Chem., Grad. Sch. of Sci., Kyushu Univ., Dept. of Chem., Fac. of Sci., Kyushu Univ.) ★ Junichi YANAGISAWA, Ryo OHTANI, Masaaki OHBA	1Fd-05 10:50-11:10	Cu(phen)錯体が固液界面で示す高いアルコール酸素酸化活性 (広島大院先進理工) ○安倍 大貴, 清水 翔太, 久米 晶子, 水田 勉, 久保 和幸, Rong Shang
1Fc-06 11:10-11:30	Reversible Conversion of Multiple Non-Covalent Interactions in Vapochromic Gate-Open-Close Crystals of a Rhenium(I) Complex: In-Situ Observation of the Guest-Induced Structural Transformation Dynamics (Grad. Sch. of Sci., Univ. of Hyogo, Grad. Sch. of Eng., Kyushu Univ., Grad. Sch. of Sci., Osaka Univ., Dept. of Chem., Fac. of Sci. and Eng., Kindai Univ., SPring-8/JASRI) ★Yuki MATSUDA, Ryota NAKAMURA, Yoshiki OZAWA, Keishiro TAHARA, Toshikazu ONO, Nobuto YOSHINARI, Takumi KONNO, Kunihisa SUGIMOTO, Shintaro KOBAYASHI, Shogo KAWAGUCHI, Masaaki ABE	1Fd-06 11:10-11:30	Preparation, Redox Performances, and Catalytic Alcohol Amoxidation Performances of Cu and Ru-incorporated Ceria Catalysts (Dept. Chem., Nagoya Univ., RCMS, Nagoya Univ.) ○ Chaoqi Chen, Satoru Ikemoto, Gen-ichi Yokota, Satoshi Muratsugu, Mizuki Tada
1Fc-07 11:30-11:50	Ultra-high Superprotonic Conduction in a POM-Based Porous Framework (Tokyo Univ. of Sci.) ○ Fumiya KOBAYASHI, Makoto TADOKORO	1Fd-07 11:30-11:50	有機金属錯体を前駆体とした白金-ガドリニウム合金ナノ粒子触媒の調製 (名大院理, 名大物国セ) ○森山 拓海, 佐藤 光彦, 邨次 智, 唯 美津木
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 1PA-01-1PA-16; <b>2216:</b> 1PA-17-1PA-32; <b>2201:</b> 1PA-33-1PA-48 <b>2202:</b> 1PA-49-1PA-64; <b>2203:</b> 1PA-65-1PA-80; <b>2204:</b> 1PA-81-1PA-89, 1PB-01-1PB-07 <b>2207:</b> 1PB-08-1PB-16, 1PC-01-1PC-07; <b>2208:</b> 1PC-08-1PC-13, 1PD-01-1PD-10 <b>2209:</b> 1PD-11-1PD-17, 1PE-01-1PE-09; <b>2210:</b> 1PE-10-1PE-11, 1PF-01-1PF-14 <b>2211:</b> 1PF-15-1PF-30; <b>2212:</b> 1PF-31-1PF-47		
14:50-15:00 Break			
15:00-18:15	<b>Symposium S1</b> Smart Design of Coordination Compounds for Innovative Material Transformations	15:00-18:20	<b>Symposium S8</b> Functions and Properties of Hybrid Frameworks at the Crossover of Solid-State Chemistry and Coordination Chemistry