

第一日目 9月18日(水) 午前 口頭発表				第一日目 9月18日(水) 午前 口頭発表			
I100 会場 (主題 Aa)		I101 会場 (主題 Ab)		I102 会場 (主題 Ac)		I103 会場 (主題 Fd, 主題 Ad)	
9:10-9:20 接続チェック				8:50-9:00 接続チェック			
9:20-10:20 座長：二瓶 雅之(筑波大学)		9:20-10:20 座長：柘植 清志(富山大)		9:20-10:20 座長：高石 慎也(東北大学)		9:00-10:20 座長：人見 穰(同志社大学)	
						1Fd-01 9:00- 9:20	Albumin nanoparticle electrostatically loaded with highly anionic Gd-thiacalixarene complex for MRI-guided neutron capture therapy (Tohoku Univ., QST, Osaka Metropolitan Univ., Kyoto Univ.) ○Kohei OHAMA, Miku KOMIYA, Takumi YAMATOYA, Ryota SAWAMURA, Ryunosuke KARASHIMADA, Shan GAO, Yoshikazu OZAWA, Kensuke OSADA, Ichio AOKI, Takeshi NAGASAKI, Minoru SUZUKI, Nobuhiko IKI
1Aa-02 9:20- 9:40	Synthesis of a Ni (II) Complex Storing One Electron from H <sub>2</sub> (Grad. Sch. of Eng., Kyushu Univ., I2CNER, sMol, Fac. of Sci. and Eng., Kindai Univ.) ○ Chiaki TAKAHASHI, Takeshi YATABE, Hidetaka NAKAI, Seiji OGO	1Ab-02 9:20- 9:40	Luminescence Changes of Tricarbonyl and Tetracarbonylrhenium(II) Complexes Induced by Protonation/Deprotonation on the Bidentate Azolypyridine Ligands (Osaka Univ., Univ. of Hyogo) ★Sodai MIYAMOTO, Yuki MATSUDA, Masaaki ABE, Takashi YOSHIMURA	1Ac-02 9:20- 9:40	Synthesis and Photothermal Conversion Properties of a Mixed Valence Manganese-oxo Cluster Ligated with Tridentate Triptycenes (Sch. Mater. Chem. Tech., Tokyo Tech., CLS, Tokyo Tech., ASMat, Tokyo Tech.) ★ Mikiya KATO, Tomoya FUKUI, Takanori FUKUSHIMA	1Fd-02 9:20- 9:40	Design and synthesis of iridium (III) complex-cyclic peptide hybrids and mechanistic study for induction of cancer cell death (Tokyo Univ. of Science) ★ Nozomi NARUSHIMA, Toshifumi TOJO, Shin AOKI
1Aa-03 9:40- 10:00	Synthesis of solvated barium (II) complexes with square antiprismatic and cubic coordination geometries (Hiroshima Univ.) ★ Ayano Umakoshi, Takuo Minato, Yusuke Kanematsu, Masahiro Sadakane	1Ab-03 9:40- 10:00	<i>In-Situ</i> Observation of Guest-Induced Crystal-to-Crystal and Amorphous-to-Crystal Dynamic Transformation in a Photoluminescent Rhenium(II) Complex (Univ. of Hyogo, Kyushu Univ., Osaka Univ., Kindai Univ., JASRI) ★ Yuki MATSUDA, Yoshiki OZAWA, Keishiro TAHARA, Toshikazu ONO, Nobuto YOSHINARI, Takumi KONNO, Kunihisa SUGIMOTO, Shintaro KOBAYASHI, Shogo KAWAGUCHI, Masaaki ABE	1Ac-03 9:40- 10:00	Redox-Active Ruthenium-Organic Polyhedra with Tunable Surface Functionality and Porosities (iCeMS, Kyoto Univ., IADChem, UAM., Chuo Univ.) ○ Fuerkaiti Tayier, Javier Troyano, Shun Tokuda, Zaoming Wang, Masa-aki Haga, Shuhei Furukawa	1Fd-03 9:40- 10:00	Synthesis of Highly photostable Fluorinated Phthalocyanine Complexes for PDT (The Univ. of Tokyo) ★ Hongfeng Liu, Kei Murata, Jiaqi Tian, Kazuaki Kudo, Kazuyuki Ishii
1Aa-04 10:00- 10:20	Tuning Host Properties of Organic Macrocycles by Confinement in Coordination Cages (Grad. Sch. Eng., The Univ. of Tokyo, UTIAS, IMS) ★ Kenta IIZUKA, Hiroki TAKEZAWA, Makoto FUJITA	1Ab-04 10:00- 10:20	8-キノリンアミド含有らせん型配位子からなるキララなZn (II) 錯体の形成と外部刺激応答性発光 (阪大院理) ○和田 翔平, 三枝 栄子, 篠田 哲史, 三宅 弘之	1Ac-04 10:00- 10:20	A Series of Ru-MOFs with Different Length Nitrogen-based Heterocyclic Ligands: Structural Characterization and CO <sub>2</sub> Adsorption Capacity (Tokyo Tech, ENEOS Corporation) ★ Wang Zhang, Hiroyoshi Ohtsu, Pavel M. Usov, Takaya Matsumoto, Masaki Kawano	1Fd-04 10:00- 10:20	Red Light-Induced Generation of Chromanone Derivatives from Organorhodium Phthalocyanine Photocages (IIS, UTokyo, RIKEN CSRS) ○ Kei MURATA, Yu Ji, Kazuyuki ISHII
10:20-10:30 接続チェック				10:20-10:30 接続チェック			
10:30-11:50 座長：平岡 秀一(東京大学)		10:30-11:50 座長：北川 裕一(北海道大学)		10:30-11:50 座長：野呂 真一郎(北海道大学)		10:30-11:50 座長：定金 正洋(広島大学)	
1Aa-05 10:30- 10:50	Molecular encapsulation regulates a cooperative binding of lanthanide ions by a tetrahedral organic cage molecule (Univ. Tsukuba) ★ Miu MUTO, Daiki ITO, Nozomi MIHARA, Takuya SHIGA, Masayuki NIHEI	1Ab-05 10:30- 10:50	ピリジリチアゾール配位子を含む新規白金(II) 錯体の合成と構造および固体発光特性 (兵庫県立大院理) ○橋本 廉, 中村 瞭汰, 小澤 芳樹, 阿部 正明	1Ac-05 10:30- 10:50	Unveiling the Potential of Novel Silver and Copper Cluster-based Metal-Organic Frameworks for Diverse Applications (Tokyo Univ. of Science, Tohoku Univ.) ★ Riki NAKATANI, Jin SAKAI, Sourav BISWAS, Tsukasa IRIE, Rina TOMIOKA, Ayumu KONDO, Yoshiki NIHORI, Saikat DAS, Yuichi NEGISHI	1Ad-05 10:30- 10:50	Impact of Scaffold Design on Formation and Growth of Small Silver Clusters in Porous Ionic Crystals (The Univ. of Tokyo) ★ Naoya HARAGUCHI, Taisei KUROSAKI, Sayaka UCHIDA
1Aa-06 10:50- 11:10	Booster stimulus strategy for chirality inversion in a dynamic helical closed cage tricoalt (III) cryptand by alkali metal ion binding (Kanazawa Univ., Kanazawa Univ.) ○SK Asif Ikbal, Shigehisa Akine	1Ab-06 10:50- 11:10	柔軟なアルキル鎖をもつ白金(II)-NHC錯体のフルカラークロミック発光 (関学大院理工, 北大院総化, 関学大生命環境) ○田中 美佳, 佐々木 この, 吉田 将己, 加藤 昌子	1Ac-06 10:50- 11:10	Synthesis, Structure, and Gas Adsorption Property of a Dinuclear Complex with Tungsten-Silicon Double Bonds Linked by Oligosiloxanes (Tohoku Univ., AIST) ★ Ryo Nakamura, Koichi Nagata, Takahiro Kawatsu, Kazuhiro Matsumoto, Yumiko Nakajima, Wataru Kosaka, Hitoshi Miyasaka, Hisako Hashimoto	1Ad-06 10:50- 11:10	Phosphatase Inhibitor Effect of Polyoxovanadates with Alkali and Alkali Earth Metal Cations (Kanazawa Univ.) ★ Iqbal Aulia Fajri, Yuji Kikukawa, Yoshihito Hayashi
1Aa-07 11:10- 11:30	Stimuli-Responsive Structural Conversion of Helical Co (II) Complexes with Chiral Ligands Containing 3-Substituted Benzene (Osaka Metro. Univ.) ★ Kenichi HATTORI, Eiko MIEDA, Satoshi SHINODA, Hiroyuki MIYAKE	1Ab-07 11:10- 11:30	Synthesis and Photochromism of a Tetrathiazole-based Bis-terpyridine Hexadentate Ligand and its Iron(II) Complex (NAIST, Univ. of Granada, Osaka Metropolitan Univ.) ○ Mihoko Yamada, Masato Nishi, Pablo Reine, Shouhei Katao, Yoshiko Nishikawa, Takuya Nakashima, Tsuyoshi Kawai	1Ac-07 11:10- 11:30	高濃度ゼラチンを用いたダブルジェット法による単斜晶Cu-BTCの合成 (長岡技科大) ○梅田 大輝, 高橋 由紀子	1Ad-07 11:10- 11:30	Development of Porphyrin - Polyoxometalate Molecular Hybrid Photocatalysts with High Activity and Durability (The Univ. of Tokyo) ★ Masahiro YAMAGUCHI, Kaito SHIOYA, Chifeng LI, Kentaro YONESATO, Kei MURATA, Kazuyuki ISHII, Kosuke SUZUKI, Kazuya YAMAGUCHI
1Aa-08 11:30- 11:50	Stereoisomeric Effects of Ligand and Coordination Chirality on Iron (II) Bis (diimine) Spin Crossover (The Univ. of Electro-Communications) ★ Rina Takano, Mio Yoshida, Yoshio Kobayashi, Takayuki Ishida	1Ab-08 11:30- 11:50	キララな1,4,7,10-テトラアザシクロドデカン骨格を有するサマリウム錯体の合成と構造および発光特性 (近畿大院総理工) ○原田 和海, 松井 久宜, 中井 英隆	1Ac-08 11:30- 11:50	Variation of Gate-opening Adsorption Properties of Kagome-type MOFs with Branched Alkoxy Groups Depending on Synthetic Conditions (Nagoya Univ.) ★ Yukino TAKEUCHI, Jenny PIRILLO, Liyuan QU, Shinpei KUSAKA, Yuh HIJIKATA, Hiroaki IGUCHI, Ryotaro MATSUDA	1Ad-08 11:30- 11:50	ポスト金属イオン置換によるヘテロ金属酸化物クラスターの合成とその形成機構 (東工大物質, 東工大大生研, 東工大ASMat) ○齋藤 貴則, 伊藤 圭亮, 嘉藤 幹也, 福井 智也, 福島 孝典

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工104会場(主題B)		工105会場(主題C)		工201会場(主題D)		工204会場(主題E)	
9:10-9:20 接続チェック				9:10-9:20 接続チェック			
9:20-10:20 座長：作田 絵里 (長崎大学)		9:20-10:20 座長：山内 幸正 (九州大学)		9:20-10:20 座長：松坂 裕之 (大阪公立大学)		9:20-10:20 座長：中島 洋 (大阪公立大学)	
1B-02 9:20-9:40	Enhanced Luminescence of Mixed Crystals of Pt (II) /Pd (II) Complexes with Unusual Thermal Effects (Kwansei Gakuin Univ., Hokkaido Univ.) ★ Kaito SEGAWA, Masaki YOSHIDA, Junichi TAKAYAMA, Satoshi HIURA, Hiroto KISE, Akihiro MURAYAMA, Masako KATO	1C-02 9:20-9:40	Dinuclear Cu (I) molecular catalyst for CO <sub>2</sub> /CO-to-C <sub>3+</sub> product electrochemical conversion (Toyota Central R&D Labs., Inc.) ○ Naonari Sakamoto, Keita Sekizawa, Soichi Shirai, Takamasa Nonaka, Takeo Arai, Shunsuke Sato, Takeshi Morikawa	1D-02 9:20-9:40	Synthesis and Reactivity of Nickel – Rhodium Bimetallic Complexes (Kyoto Univ.) ★ Kouki FUJITA, Kazuhiko SEMBA, Yoshiaki NAKAO	1E-02 9:20-9:40	Development of a New Biosynthetic Pathway for Production of Abiotic Metalloporphyrins in <i>Escherichia coli</i> (Osaka Univ.) ★ Shunsuke KONISHI, Shunsuke KATO, Takashi HAYASHI
1B-03 9:40-10:00	Mechanical and Thermal ON – OFF Switching of the Vapochromic Behavior of a Luminescent Polymorphic Pt (II) Complex (Kanazawa Univ, Kwansei Gakuin Univ.) ○ Yasuhiro SHIGETA, Tatsuya NOMOTO, Masako KATO, Motohiro MIZUNO	1C-03 9:40-10:00	On the possibility of heterolytic methane hydroxylation in copper zeolites (Nagoya Univ., KU Leuven) ○ Quan Manh Phung, Takeshi Yanai, Dieter Plessers, Bert F. Sels, Robert A. Schoonheydt, Kristine Pierloot	1D-03 9:40-10:00	Optical dynamics of the photoinduced phase transition in cyanido-bridged Co-W assemblies (Univ. of Tokyo, Univ. de Rennes, DYNACOM IRL2015 Univ. of Tokyo - CNRS - Univ. de Rennes) ★ Kazuki Nakamura, Gaël Privault, Laurent Guérin, Koji Nakabayashi, Marius Hervé, Eric Collet, Shin-ichi Ohkoshi	1E-03 9:40-10:00	Development of Artificial Non-heme Metalloenzymes for Stereoselective Inverse Electron-Demand Hetero Diels-Alder Reactions (Osaka Metro. Univ., Osaka Pref. Univ.) ★ Ryusei Matsumoto, Saho YOSHIOKA, Yoshitsugu MORITA, Nobutaka FUJIEDA
1B-04 10:00-10:20	Energy Transfer Between Lanthanides in Luminescent Tb (III) -Nd (III) Mixed Complexes (Hokkaido Univ.) ★ Yusaku YAMAGUCHI, Takuma NAKAI, Mengfei WANG, Yasuchika HASEGAWA, Yuichi KITAGAWA	1C-04 10:00-10:20	Mechanistic insights into specific acceleration of H <sub>2</sub> O <sub>2</sub> activation and alkane oxidation by a series of mononuclear complexes with Rdp tridentate ligands (Doshisha Univ.) ○ Kyosuke Fujikawa, Hiroaki Kitagishi, Masahito Kodera	1D-04 10:00-10:20	タングステン触媒を用いたアゾベンゼンと二種のアルキンの三成分カップリング反応による多置換ピロロール誘導体の合成 (阪大院基礎工, 阪大院工) ○ 笠原 汰央, 秋山 拓弥, 草本 哲郎, 劔 隼人	1E-04 10:00-10:20	Formation of Metal-CO <sub>2</sub> <sup>2-</sup> Species Using H <sub>2</sub> as an Electron Source (Kyushu Univ., Kindai Univ.) ★ Daiki SHIMAUCHI, Takeshi YATABE, Hidetaka NAKAI, Seiji OGO
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10:30-11:30 座長：仲谷 学 (城西大学)		10:30-11:50 座長：小寺 政人 (同志社大学)		10:30-11:30 座長：石井 洋一 (中央大学)		10:30-11:30 座長：加藤 俊介 (大阪大学)	
1B-05 10:30-10:50	長鎖重水素化アルキル基を導入した白金-ヨウ素擬一次元錯体 [Pt(en) <sub>2</sub> ] (L-Asp- <sup>17</sup> D <sub>8</sub> ) <sub>2</sub> · H <sub>2</sub> Oの電子状態 (東北大・理, 千歳科技大・理工, 名古屋大・工) ○ 船越 伸斗, 高石 慎也, 脇坂 聖憲, 井口 弘章, 伊東 裕, 山下 正廣	1C-05 10:30-10:50	CO <sub>2</sub> to CH <sub>4</sub> conversion catalyzed by a [Mo <sub>2</sub> S <sub>2</sub> Fe] cluster (ICR, Kyoto U., Dept. Chem. & Mol. Biol. U. Gothenburg) ★ Yuto MATSUOKA, W. M. C. SAMEERA, Kazuki TANIFUJI, Yasuhiro OHKI	1D-05 10:30-10:50	Development of Samarium Complexes as PCET Catalysts toward Molybdenum-Catalyzed Nitrogen Fixation (The Univ. of Tokyo) ★ Taichi MITSUMOTO, Yoshiaki NISHIBAYASHI	1E-05 10:30-10:50	環状および籠状配位子内に構築した多核銅中心によるアルカンの触媒的C-H水酸化反応 (阪大院理) ○ 西村 環, 水野 瑠織, 畑中 翼, 船橋 靖博
1B-06 10:50-11:10	ポルフィリン系弾性結晶の温度低下に伴う軟化挙動とピンポイント構造計測によるキャラクタリゼーション (奈良女大院, 高輝度光科学研究センター) ○ 加藤 日菜子, 堀井 洋司, 佐々木 俊之, 一柳 光平, 梶原 孝志	1C-06 10:50-11:10	Visible-Light-Driven Carboxylation of Phenyl Vinyl Sulfone Using CO <sub>2</sub> Catalyzed by Re Complexes (Osaka Univ., Tokyo Institute of Technology) ★ Phurinat LORWONGKAMOL, Taito WATANABE, Masaki KITADA, Yutaka SAGA, Tetsuya KAMBE, Mio KONDO, Shigeyuki MASAOKA	1D-06 10:50-11:10	Properties and Reactivities of Nickel Complexes Bearing a Phenalenyl-Based Tridentate Ligand (Osaka Univ., Tokyo Metropolitan Univ.) ★ Hikaru NOGUCHI, Takuya KODAMA, Soichi KIKKAWA, Seiji YAMAZOE, Hayato TSURUGI, Mamoru TOBISU	1E-06 10:50-11:10	Fabrication of red-light responsive photosensitizer using metal-free PPIX and cytochrome c from thermophilus (Osaka Metropolitan Univ., Osaka City Univ.) ○ Hiroshi NAKAJIMA, Makishi OHNISHI, Kenta OHSHIMA, Kunitaka NISHIOKA
1B-07 11:10-11:30	Synthesis of N <sub>2</sub> -type superatomic molecules (Kyoto Univ.) ○ Katsuhiko Isozaki, Ryohei Saito, Yoshiyuki Mizuhata, Masaharu Nakamura	1C-07 11:10-11:30	Photocatalytic CO <sub>2</sub> reduction using a Ru (II) complex catalyst with a bidentate phosphine ligand (Tokyo Tech., Hiroshima Univ.) ○ Naoki HOSOKAWA, Osamu ISHITANI	1D-07 11:10-11:30	フェナレニル骨格を基盤とする2座配位子を持つニッケル1価錯体の合成、物性、および触媒反応への応用 (阪大院工, 阪大ICS-OTRI, 都立大院理) ○ 有馬 大貴, 兒玉 拓也, 吉川 聡一, 山添 誠司, 齋巢 守	1E-07 11:10-11:30	Chemical modification of biomolecules based on specific affinity of transition metals for olefins (Nara Institute of Science and Technology) Asuki OKADA, Tsubasa KINUGAWA, Shun HIROTA, ○ Takashi MATSUO
		1C-08 11:30-11:50	A Novel Platinum-Dimer-Based Hydrogen-Evolving Molecular Photocatalyst Showing High Durability and Red-Light-Responsivity (Dept. Chem. Kyushu Univ., Dept. Chem. Ottawa Univ.) ★ Toma KUNIKUBO, Jaclyn BRUSSO, Muralee MURUGESU, Kosei YAMAUCHI, Hironobu OZAWA, Ken SAKAI				

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全共102会場(主題 Fa)		全共103会場(主題 Fb)		工106会場(主題 Fc)			
8:50-9:00 接続チェック				8:50-9:00 接続チェック			
9:00-10:20 座長: 門田 健太郎 (京都大学)		9:00-10:20 座長: 八木 政行 (新潟大学)		9:00-10:20 座長: 小澤 芳樹 (兵庫県立大学)			
1Fa-01 9:00-9:20	Identification of Single Monomer Mutation on a Polymer Chain Realized by MOF Nanopores (Univ. of Tokyo) ★Haruaki Suzuki, Nobuhiko Hosono, Takashi Uemura	1Fb-01 9:00-9:20	Controlling Aggregated Structures for Time-Dependent Dual Phosphorescence and Polymorphic Luminescence in Gold (I) <i>N</i> -Heterocyclic Carbene Complexes (Ritsumeikan Univ., Indian Institute of Technology Hyderabad) ★Arushi RAWAT, Siddhant KUMAR, Kohsuke MATSUMOTO, Ganesan PRABUSANKAR, Osamu TSUTSUMI	1Fc-01 9:00-9:20	Tuning of guest uptake/release kinetics of dinuclear cobalt (III) metallohosts by auxiliary amine ligands (Kanazawa Univ., Nagoya Univ.) ★Dejan Walter, Yoko Sakata, Shigehisa Akine		
1Fa-02 9:20-9:40	Chemical controls of in-plane distortion in two-dimensional ferroelectric proton conductors (Kyushu Univ.) ○Ryo Ohtani, Masaaki Ohba	1Fb-02 9:20-9:40	Chirality Induction of Achiral Luminous Terbium Complex by Immobilization to Silica Surface Functionalized with Chiral Phenylethylamines (Nagoya Univ., Kindai Univ.) ○Sora Shirai, Satoshi Muratsugu, Hidetaka Nakai, Masahiro Ehara, Mizuki Tada	1Fc-02 9:20-9:40	Arraying of Metalloporphyrins in Nanochannels of Nanoporous Liquid Crystal (Nagoya Univ.) ○Shin-ichiro KAWANO, Atsuhito DEGUCHI, Takuya SAKATA, Kentaro TANAKA		
1Fa-03 9:40-10:00	Semiconductive Property of Elastic Coordination Polymers with Cd-S Network (Kwansei Gakuin Univ., Osaka Univ., Kochi Univ. of Technology, Hokkaido Univ.) ★Serina NOJIMA, Ryohei AKIYOSHI, Akinori SAEKI, Shotaro HAYASHI, Hiroshi UJI, Daisuke TANAKA	1Fb-03 9:40-10:00	Chiral Solvent Vapor-Induced Molecular Arrangement Switching in Luminescent Aluminium (III) Complex (Tokyo Univ. of Sci.) ○Fumiya KOBAYASHI, Makoto TADOKORO	1Fc-03 9:40-10:00	External modification of a metal-peptide M <sub>60</sub> L <sub>60</sub> cage for solubility enhancement (Tokyo Tech, JST-PRSTO) ★Nao SAGARA, Michito YOSHIZAWA, Tomohisa SAWADA		
1Fa-04 10:00-10:20	Porous Supra-Supramolecular Polymers Assembled from Metal-Organic Octahedra (Kyoto Univ.) ★Ayana MIYATA, Shun TOKUDA, Shuhei FURUKAWA	1Fb-04 10:00-10:20	Development of Red to Near-Infrared Photoluminescent Properties of Aluminum-based Dinuclear Triple-Stranded Helicates (Kyushu Univ.) ★Yuto KONISHI, Takumi EHARA, Teruyuki HONDA, Tomohiro OGAWA, Kiyoshi MIYATA, Ken ONDA, Yu HOSHINO, Toshikazu ONO	1Fc-04 10:00-10:20	Selective Binding of Perfluorinated Compounds by Pt/Pd-Linked Polyaromatic Capsules (Tokyo Tech) ★Urara KAI, Ryuki SUMIDA, Yuya TANAKA, Michito YOSHIZAWA		
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10:30-11:50 座長: 古川 修平 (京都大学)		10:30-11:50 座長: 田中 大輔 (関西学院大学)		10:30-11:50 座長: 張 浩徹 (中央大学)			
1Fa-05 10:30-10:50	Spin Dynamics in Molecular Qubit based on Spin 1/2 Chromium (V) Complexes (Kyushu Univ., Institute for Molecular Science) ★Naoya Yamamoto, Mizue Asada, Benjamin Le Ouay, Ryo Ohtani, Toshikazu Nakamura, Masaaki Ohba	1Fb-05 10:30-10:50	白金とルテニウムを含有する新規複合金属リン化合物の調製と構造解析 (名大院理, 名大物産) ○中西 舞, 森山 拓海, 郷次 智, 唯 美津木	1Fc-05 10:30-10:50	Synthesis of Ruthenium tris (N-hexylbiimidazole) for a Thermocell using Proton-Coupled Electron Transfer reaction with high solubility (Tokyo Univ.) ★Taiga TSUCHIYA, Mizuha UJITA, Hongyao ZHOU, Teppei YAMADA		
1Fa-06 10:50-11:10	Investigation of novel alignment of $\pi$ -conjugated acenes using crystalline molecular gear-box (Hokkaido Univ.) ★Hikaru Yamamoto, Rempei Ando, Mingoo Jin	1Fb-06 10:50-11:10	Preparation of Platinum-Gadolinium Alloy Nanoparticles from Organometallic Precursors for Efficient Oxygen Reduction Reaction Electrocatalysts (Nagoya Univ.) ★Takumi MORIYAMA, Satoshi MURATSUGU, Mizuki TADA	1Fc-06 10:50-11:10	Solubility improvement of terpyridine iron complexes and its application to polysolutes of redox flow batteries (Waseda Univ.) ○Atsushi Okazawa, Keisuke Akahori, Takayuki Kakuchi, Kosuke Kawai, Masashi Okubo		
1Fa-07 11:10-11:30	Hydrocarbon-Adsorption-Induced Spin-State Switching in a Monomeric Cobalt (II) Complex with the Porous Nature (Tohoku Univ., Djosai Univ., Kumamoto Univ.) ○Wataru KOSAKA, Manabu NAKAYA, Shinya HAYAMI, Hitoshi MIYASAKA	1Fb-07 11:10-11:30	Synthesis and Catalysis of a Small Palladium Nanocluster within a Ring-Shaped Polyoxometalate (The Univ. of Tokyo) ○Rui Xi, Yoshihiro KOIZUMI, Kentaro YONESATO, Takafumi YATABE, Kosuke SUZUKI, Kazuya YAMAGUCHI	1Fc-07 11:10-11:30	Synthesis of bis (diimino) palladium nanosheets as highly efficient electrocatalyst for hydrogen evolution reaction (Tokyo Univ. of Science, The Univ. of Tokyo, JASRI, Kyoto Institute of Technology, RIKEN SPring-8 Center, NIMS) ○Hiroaki MAEDA, Eunice Jia Han PHUA, Yuta SUDD, Sayoko NAGASHIMA, Wentai CHEN, Mayumi FUJINO, Kenji TAKADA, Naoya FUKUI, Hiroyasu MASUNAGA, Sono SASAKI, Kazuhito TSUKAGOSHI, Hiroshi NISHIHARA		
1Fa-08 11:30-11:50	Solid-State <sup>2</sup> H-NMR Study of Dynamics and Hierarchical Water Structure Confined to Molecular Nano-Porous Crystals (Tokyo Univ. of Sci., Kanazawa Univ.) ★Tomoya NAMIKI, Yuta NUMAGAMI, Fumiya KOBAYASHI, Takuya KURIHARA, Motohiro MIZUNO, Makoto TADOKORO	1Fb-08 11:30-11:50	サレン錯体とポリオキソメタレートを構成要素とする多孔性イオン結晶を用いた水素発生反応 (東大院総合文化) ○堤 由太郎, 下山 雄人, 萩原 直希, 内田 さやか	1Fc-08 11:30-11:50	Facile Fabrication of Chemical Sensing Devices by Direct Electrocrystallization of Porous Molecular Conductors (Tohoku Univ., Nagoya Univ., Dartmouth College) ★Tappei TANABE, Hiroaki IGUCHI, Ryotaro MATSUDA, Katherine A. MIRICA, Ryota SAKAMOTO		