

Day 2, 9/27 (Tuesday) 09:20-15:00			
Room 2303		Room 2304	
9:10-9:20 PC Connection			
Session Aa		Session Ab	
9:20-10:40 Chair: 吉成 信人 (大阪大)		9:20-10:40 Chair: 澤田 知久 (東京工業大)	
2Aa-01 9:20-9:40	Macroscopic Polarization Change of Mononuclear Valence Tautomeric Cobalt Complexes Through the Use of Enantiopure Ligand (Kyushu Univ.) ○ Cheng Feng	2Ab-01 9:20-9:40	Thermally responsive morphological change of layered coordination polymer induced by melting of flexible alkyl chains (Div. of Mat. Sci., NAIST, Fac. of Pure and Appl. Sci., Univ. of Tsukuba, CEMES-CNRS, Univ. of Toulouse) ○ Kenichiro OMOTO, Shota AOYAMA, Tomasz GALICA, Eiji NISHIBORI, Kazuma YASUHARA, Gwénaél RAPENNE
2Aa-02 9:40-10:00	The Syntheses and Structures of Vanadium Dinitrogen Complexes bearing Triamidoamine Ligands with Alkali Ions (Aichi Inst. of Tech.) ○ Yoshiaki Kokubo, Yuji Kajita	2Ab-02 9:40-10:00	Tuning of Magnetic Property of Tb(III) Phthalocyanine Double-Decker-Type Single Molecular Magnet via Fourfold [3]Rotaxane Formation (Res. Center for Mat. Sci., Dept. of Chem., Fac. of Sci., Nagoya Univ.) ○ Yasuyuki YAMADA, Haruka YAMADA, Atsuki NISHIKAWA, Yoshiaki SHUKU, Kunio AWAGA, Kentaro Tanaka
2Aa-03 10:00-10:20	Photoconductive Property of Two-Dimensional Silver(I) Coordination Polymer Containing Silver-Sulfur Network (Kwansei Gakuin Univ.) ○ Ryohei AKIYOSHI, Daisuke TANAKA	2Ab-03 10:00-10:20	Pathway Complexity in Chiral Nanotubular Supramolecular Polymerization: Metal – Organic Nanotubes from a Planar-Chiral Monomer and AgBF <sub>4</sub> (Dept. of Chem. and BioTech., Sch. of Eng., The Univ. of Tokyo, RIKEN Center for Emergent Matter Sci., Dept. of Mat. Sci., Fac. of Pure and Appl. Sci., and TREMS, Univ. of Tsukuba) ○ Yingluo Zhao, Hiroko Kawano, Hiroshi Yamagishi, Saya Otake, Yoshimitsu Itoh, Hubiao Huang, Takuzo Aida
2Aa-04 10:20-10:40	キュバン型銀(I)四核錯体結晶における発光ピエゾクロミズムの包接溶媒依存性 (兵庫県立大院理) ○藤原 麻友香, 阪上 琢也, 小澤 芳樹, 田原 圭志朗, 阿部 正明	2Ab-04 10:20-10:40	Synthesis and Properties of Large Mn-oxo Clusters Using a Rigid Tridentate Ligand Featuring Triptycene Skeleton (Sch. Mater. Chem. Tech., Tokyo Tech., CLS, Tokyo Tech.) ○ Mikiya KATO, Tomoya FUKUI, Ryosuke TAKEHARA, Yoshiaki SHOJI, Takanori FUKUSHIMA
10:40-10:50 PC Connection			
Session Aa		Session Ab	
10:50-11:50 Chair: 小澤 芳樹 (兵庫県立大)		10:50-11:50 Chair: 山田 泰之 (名古屋大)	
2Aa-05 10:50-11:10	Post-synthetic installation of Ln <sub>4</sub> (OH) <sub>4</sub> cubane clusters into metallosupramolecular frameworks (Grad. Sch. of Sci., Osaka Univ., Nat. Taiwan Normal Univ.) ○ Nobuto Yoshinari, Supaphorn Thammakan, Renya Uenaka, Marie Tsuchikawa, Masaki Honda, Natthaya Meundaeng, Takumi Konno	2Ab-05 10:50-11:10	Construction of Cu-based peptide capsules by tridentate ligand designs (Grad. Sch. of Eng., The Univ. of Tokyo, Lab. for Chem. and Life Sci., Inst. of Innovative Res., Tokyo Inst. of Tech., JST PRESTO, IMS) ○ Sota OGUMA, Yuki INOMATA, Tomohisa SAWADA, Makoto FUJITA
2Aa-06 11:10-11:30	Main Group Ligands Containing Electron-Deficient Elements: Effects On Bonding And Reactivity (Grad. Sch. of Sci. and Eng., Hiroshima Univ., Div. of Natural and Exact Sci., Univ. of Guanajuato, cNat. UAEM-NUAM) ○ Rong Shang, Yoshitaka Kimura, Souta Saito, Shu Furukawa, Leonardo I. Lugo-Fuentes, Takumi Oishi, Megumi Ono, J. Oscar C. Jimenez-Halla, Joaquín Barroso-Flores, Yohsuke Yamamoto, Tsutomu Mizuta	2Ab-06 11:10-11:30	Structural control of synthetic 8- and 6-stranded β-barrel complexes (Grad. Sch. of Eng., The Univ. of Tokyo, Inst. of Innovative Res., Tokyo Inst. of Tech., JST PRESTO, IMS) ○ Ryo ONOZUKA, Tomohisa SAWADA, Makoto FUJITA
2Aa-07 11:30-11:50	Asymmetric Twisting of C-Centered Octahedral Gold(I) Clusters by Chiral N-Heterocyclic Carbene Ligation (The Univ. of Tokyo, IMS, Kyoto Univ.) ○ Xiao-Li Pei, Pei Zhao, Hitoshi Ube, Zhen Lei, Koichi Nagata, Masahiro Ehara, Mitsuhiko Shionoya	2Ab-07 11:30-11:50	1,2-ジチオシュウ酸を架橋配位子とする配位高分子の金属イオンと対カチオンによるトポロジー制御 (阪公大院工, 阪公大人工光合成セ) ○小原 雅史, 田中 里香, 中園 孝志, 山田 裕介
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 2PA-01-2PA-16; <b>2216:</b> 2PA-17-2PA-32; <b>2201:</b> 2PA-33-2PA-48 <b>2202:</b> 2PA-49-2PA-64; <b>2203:</b> 2PA-65-2PA-80; <b>2204:</b> 2PA-81-2PA-88, 2PB-01-2PB-08 <b>2207:</b> 2PB-09-2PB-16, 2PC-01-2PC-08; <b>2208:</b> 2PC-09-2PC-12, 2PD-01-2PD-12 <b>2209:</b> 2PD-13-2PD-18, 2PE-01-2PE-10; <b>2210:</b> 2PE-11-2PE-12, 2PF-01-2PF-14 <b>2211:</b> 2PF-15-2PF-30; <b>2212:</b> 2PF-31-2PF-47		
14:50-15:00 Break			

Day 2, 9/27 (Tuesday) 09:20-15:00			
Room 2305		Room 2306	
9:10-9:20 PC Connection			
Session Ac		Session B	
9:20-10:40 Chair: 今岡 享稔 (東京工業大)		9:20-10:40 Chair: 吉田 健文 (電気通信大)	
2Ac-01 9:20-9:40	Iron(III)-based photoCORM responsive to light within the phototherapeutic window in acidic solution (Grad. Sch. of Sci., Osaka Metropolitan Univ., Dept. of Chem., Kanagawa Univ.) ○ Hiroshi NAKAJIMA, Natsuo NOMURA, Takanori NISHIOKA, Masakazu HIROTSU	2B-01 9:20-9:40	Synthesis and Redox Properties of Ag(III) and Ni(II) of Triply Fused N-Confused Porphyrin Dimers (Dept. of Appl. Chem., Grad. Sch. of Eng., Kyushu Univ., Dept. of Chem., Grad. Sch. of Sci., Tokyo Metropolitan Univ., Res. Organization of Sci. and Tech., Ritsumeikan Univ.) ★ Osamu IWANAGA, Masatoshi ISHIDA, Soji SHIMIZU, Hiroyuki FURUTA
2Ac-02 9:40-10:00	N-ヘテロ環状カルベン配位子を有する白金(II)錯体の発光色制御とクロミックメカノルミネッセンス (北大院総化, 北大院理, 関学大生命環境) ○佐々木 この, 齋藤 大将, 吉田 将己, 小林 厚志, 加藤 昌子	2B-02 9:40-10:00	Switchable $\pi$ -Coordination and Spin States of Single-Ligand Arenethiolato Cobalt(II) Complex Containing a Bulky Acylamino Group (Osaka Univ.) ○ Yusuke TOMITA, Taka-aki OKAMURA, Kiyotaka ONITSUKA
2Ac-03 10:00-10:20	キラリティとヘリシティを有する希土類錯体の発光性 monolayer形成とセンサ能 (青山学院大理工) ○高垣 亮佑, 大曲 仁美, 長谷川 美貴	2B-03 10:00-10:20	Pyridine-vapor driven two-step vapochromism and spin-state switching of discrete Ni(II) complex (Kanagawa Univ., Josai Univ., Kumamoto Univ.) ○ Sotaro Kusumoto, Kazumasa Inaba, Manabu Nakaya, Shinya Hayami, Yoshihiro Koide
2Ac-04 10:20-10:40	アゾール配位子をもつニトリドレニウム(V)錯体の合成と配位子のプロトン付加/脱離による発光挙動の変化 (阪大院理, 阪大RIセ) ○宮本 颯大, 永田 光知郎, 吉村 崇	2B-04 10:20-10:40	Co-assembly of Metal dithiolate and Resorcinarene Offering Supramolecular Sheets Stabilized by Relay-type Hydrogen Bonds (Fac. of Edu., Nagasaki Univ.) ○Mikihiko Hayashi
10:40-10:50 PC Connection			
Session Ac		Session B	
10:50-11:50 Chair: 小林 厚志 (北海道大)		10:50-11:50 Chair: 北澤 孝史 (東邦大)	
2Ac-05 10:50-11:10	Synthesis and Properties of Metal-organic Nano Cage Decorated with DNA (Nagoya Univ.) ★ Toshinobu NAKAJO, Shinpei KUSAKA, Hiroaki IGUCHI, Hiroshi ABE, Ryotaro MATSUDA	2B-05 10:50-11:10	Mixed-valent rare-earth fullerides, $RE_{2.75}C_{60}$ (Dept. of Mat. Sci., Sch. of Eng., Osaka Metropolitan Univ.) ★ Naoya Yoshikane, Kosmas Prassides
2Ac-06 11:10-11:30	Synthesis and Properties of Highly Stable Novel Metal – Organic Frameworks Constructed by Tetravalent Metal Cations and a Tricarboxylic Acid (Grad. Sch. of Sci., Tokyo Univ. of Sci.) ★Kyoko SHIRAISHI, Masaaki SADAKEYO	2B-06 11:10-11:30	Evaluation of Physical Properties and Structural Stability of a Porous Molecular Conductor with Two-Dimensional Coordination Network (Grad. Sch. of Sci., Tohoku Univ., Grad. Sch. of Eng., Nagoya Univ.) ★ Tappei TANABE, Kenta UENO, Liyuan QU, Shinya TAKAISHI, Ryota SAKAMOTO, Hiroaki IGUCHI
2Ac-07 11:30-11:50	The Development of Multi-Step Spin Crossover Iron(III) Complexes (Kumamoto Univ.) ★ Hikaru Zenno, Yoshihiro Sekine, Shinya Hayami	2B-07 11:30-11:50	Porous Molecular Conductor Constructed from Densely Packed Hexagonal Metallocycle (Grad. Sch. of Eng., Nagoya Univ., Grad. Sch. of Sci., Tohoku Univ.) ○Hiroaki Iguchi, Mengxing Cui, Ryuichi Murase, Shinya Takaishi, Masahiro Yamashita
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 2PA-01-2PA-16; <b>2216:</b> 2PA-17-2PA-32; <b>2201:</b> 2PA-33-2PA-48 <b>2202:</b> 2PA-49-2PA-64; <b>2203:</b> 2PA-65-2PA-80; <b>2204:</b> 2PA-81-2PA-88, 2PB-01-2PB-08 <b>2207:</b> 2PB-09-2PB-16, 2PC-01-2PC-08; <b>2208:</b> 2PC-09-2PC-12, 2PD-01-2PD-12 <b>2209:</b> 2PD-13-2PD-18, 2PE-01-2PE-10; <b>2210:</b> 2PE-11-2PE-12, 2PF-01-2PF-14 <b>2211:</b> 2PF-15-2PF-30; <b>2212:</b> 2PF-31-2PF-47		
14:50-15:00 Break			

Day 2, 9/27 (Tuesday) 09:20-15:00			
Room 2308		Room 2107	
9:10-9:20 PC Connection			
Session C		Session D	
9:20-10:40 Chair: 石田 斉 (関西大)		9:20-10:40 Chair: 小室 貴士 (東北大)	
2C-01 9:20-9:40	Mechanistic study of photocatalytic CO <sub>2</sub> reduction using a Ru(II)-Re(I) supramolecular photocatalyst (Tokyo Inst. of Tech., Nagoya Univ., Kyushu Univ.) ★ Kei Kamogawa, Yuki Kato, Yuushi SHIMODA, Kiyoshi MIYATA, Ken ONDA, Takumi NOGUCHI, Yusuke TAMAKI, Osamu ISHITANI	2D-01 9:20-9:40	Oxidative Coupling at a Homoleptic CCC-pincer Ligated Anionic Ir(III) Center (Dept. of Chem., Grad. Sch. of Adv. Sci. and Eng., Hiroshima Univ., Dept. of Chem., Div. of Natural and Exact Sci., Univ. of Guanajuato, Dept. of Chem., Grad. Sch. of Sci., Tokyo Metropolitan Univ.) ★ Kazuki Nakanishi, J. Oscar C. Jimenez-Halla, Seiji Yamazoe, Masaaki Nakamoto, Yohsuke Yamamoto, Shoko Kume, Tsutomu Mizuta, Rong Shang
2C-02 9:40-10:00	Development of the Naphthyridine-bridged Dinuclear Co Complex for Highly Selective CO <sub>2</sub> Reduction Catalysis in the Presence of Proton Source (Dept. Chem., Kyushu Univ.) ★ Yuto SAKAGUCHI, Kosei YAMAUCHI, Ken SAKAI	2D-02 9:40-10:00	Synthesis of Metallabenzenes by O <sub>2</sub> Oxidation of Phosphinine Metal Complexes: Formation Mechanism and Property of Metallabenzenes (The Univ. of Tokyo) ★ Koichiro MASADA, Shuhei KUSUMOTO, Kyoko NOZAKI
2C-03 10:00-10:20	Photocatalytic CO <sub>2</sub> Reduction Sensitized by a Supramolecular Porphyrin Dimer Connected with a Rhenium(I) Tricarbonyl Complex (Grad. Sch. of Sci., Tokyo Univ. of Sci.) ○ Yusuke KURAMOCHI, Ren SATO, Akiharu SATAKE	2D-03 10:00-10:20	Ruthenium Complexes Bearing a Tetradentate Hemilabile Ligand: Synthesis, Structure, Hemilabile Feature and Catalytic Application to C-H Borylation of Unactivated Arenes (Dept. of Chem., Sch. of Sci., Tokyo Inst. of Tech., Dept. of Chem. and BioTech., Grad. Sch. of Eng., The Univ. of Tokyo) ★ Yumeng LIAO, Yo HIRATAKA, Kohei TAKAHASHI, Nobuharu IWASAWA
2C-04 10:20-10:40	Benzimidazolines for Visible-Light-Driven Transformations of Unactivated Alkenes: Intermolecular Hydroacylation and 3-Component Acylcarboxylation via CO <sub>2</sub> Insertion (Osaka Univ., ICS-OTRI, Osaka Univ., JST PRESTO) ○ Yutaka Saga, Taito Watanabe, Yusuke Nakayama, Mio Kondo, Shigeyuki Masaoka	2D-04 10:20-10:40	Controlled Formation of Pt/Zn Heterobimetallic Complexes for Cooperative Reactions (Coord. Chem. and Catal. Unit Okinawa Inst. of Sci. and Tech. Grad. Univ., Arbutov Inst. of Organic and Phys. Chem., FRC Kazan Sci. Center, Russian Acad. of Sci.) ○ Ramadoss Govindarajan, Shubham Deolka, Eugene Khaskin, Robert R. Fayzullin, Shrinwantu Pal, Serhii Vasylevskyi, Julia R. Khusnutdinova
10:40-10:50 PC Connection			
Session C		Session D	
10:50-11:50 Chair: 杉本 秀樹 (大阪大)		10:50-11:50 Chair: 松本 崇弘 (九州大)	
2C-05 10:50-11:10	二重N-混乱ヘキサフィリン二核鉄錯体による酸素発生反応とその反応機構 (立教大院理, 阪公大人工光合成セ) ○ 菅原 大地, 中菌 孝志, 和田 亨	2D-05 10:50-11:10	Development of giant molecular rotor mediated by large NHC gold complex (Grad. Sch. of Eng., Hokkaido Univ., WPI-ICReDD, Hokkaido Univ.) ★ Rempei ANDO, Mingoo JIN, Hajime ITO
2C-06 11:10-11:30	Comparing the Water Oxidation Characteristics of Cobalt Polyoxometalates and Ru-bda Catalysts (Dept. Chem., Kyushu Univ.) ○ Natsuki TAIRA, Kosei YAMAUCHI, Ken SAKAI	2D-06 11:10-11:30	Synthesis of novel silver cluster-assembled materials composed of acetylenic pyridine ligands and their application for label-free DNA detection (Grad. Sch. of Sci., Tokyo Univ. of Sci., Tanaka Kikinzoku Kogyo) ★ Taishu SEKINE, Shuntaro TAKAHASHI, Subhabrata DAS, Shun AOKI, Haruna MABUCHI, Saikat DAS, Tokuhisa KAWAWAKI, Yuichi NEGISHI
2C-07 11:30-11:50	Regulation of Helicity Inversion Speed by Non-covalent Binding with Alkali Metal Ions in a Dynamic Triple-helical Nickel(II) Complex (Nano Life Sci. Inst., Kanazawa Univ., Inst. for Molecular Sci., Res. Center for Comput. Sci., Grad. Sch. of Natural Sci. and Tech., Kanazawa Univ.) ○ Sk Asif Iqbal, Pei Zhao, Masahiro Ehara, Shigehisa Akine	2D-07 11:30-11:50	有機金属型パラジウムナノクラスター触媒による不飽和基質の水素化反応 (東工大物質理工, 防衛大応化) ○ 三村 嶺, 須川 毅, 高比良 祐太, 山本 浩二, 重田 翼, 村橋 哲郎
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 2PA-01-2PA-16; <b>2216:</b> 2PA-17-2PA-32; <b>2201:</b> 2PA-33-2PA-48 <b>2202:</b> 2PA-49-2PA-64; <b>2203:</b> 2PA-65-2PA-80; <b>2204:</b> 2PA-81-2PA-88, 2PB-01-2PB-08 <b>2207:</b> 2PB-09-2PB-16, 2PC-01-2PC-08; <b>2208:</b> 2PC-09-2PC-12, 2PD-01-2PD-12 <b>2209:</b> 2PD-13-2PD-18, 2PE-01-2PE-10; <b>2210:</b> 2PE-11-2PE-12, 2PF-01-2PF-14 <b>2211:</b> 2PF-15-2PF-30; <b>2212:</b> 2PF-31-2PF-47		
14:50-15:00 Break			

Day 2, 9/27 (Tuesday) 09:20-15:00			
Room 2108		Room 2406	
9:10-9:20 PC Connection			
Session E		Session Fa	
9:20-10:40 Chair: 人見 穰 (同志社大)		9:20-10:40 Chair: Benjamin Le Ouay (九州大)	
2E-01 9:20-9:40	再構成ミオグロビンを利用したアルドキシム脱水能を有する人工金属酵素の創製 (阪大院工) ○阿部 美笛, 林 高史	2Fa-01 9:20-9:40	MRI contrast agents using porous coordination polymers with coordinatively unsaturated sites (Grad. Sch. of Environ. Studies, Tohoku Univ., Inst. for Quantum Medical Sci. (iQMS), Nat. Inst. for Quantum Sci. and Tech. (QST)) Ryuta NAKANE, Atsuko MASUYA-SUZUKI, Yoshikazu OZAWA, Takako MARUOKA, Megumi IYAMA, Akira SUMIYOSHI, Ichio AOKI, ○ Nobuhiko IKI
2E-02 9:40-10:00	Design and Synthesis of Metallosupramolecular Phosphatases Inspired by an Active Center of Alkaline Phosphatase and Effect of Reaction Conditions (Fac. of Pharm. Sci., Tokyo Univ. of Sci., Fac. of Sci. and Tech., Tokyo Univ. of Sci., Res. Inst. for Sci. and Tech., Tokyo Univ. of Sci.) ○ Hirokazu OKAMOTO, Akib Bin RAHMAN, Yuya MIYAZAWA, Yoshito TSURUDA, Hiroshi TAKEMURA, Shin AOKI	2Fa-02 9:40-10:00	A Host-Guest Electron Transfer Mechanism for Magnetic and Electronic Modifications in a Redox-Active Metal-Organic Framework (Inst. for Mat. Res., Tohoku Univ., Front. Res. Inst. for Interdisciplinary Sci., Tohoku Univ., Grad. Sch. of Eng. Sci., Osaka Univ.) ○ Wataru KOSAKA, Jun ZHANG, Yasutaka KITAGAWA, Hitoshi MIYASAKA
2E-03 10:00-10:20	Axial Ligand Effect on Cyclohexane Hydroxylation by Compound I Model Complex (Grad. Sch. of Eng., Osaka Univ., Grad. Sch. of Humanities and Sci., Nara Women's Univ.) ○ Yuma Morimoto, Toshiya Higashi, Hiroshi Fujii, Shinobu Itoh	2Fa-03 10:00-10:20	A room-temperature phase transition material based on cyanido-bridged Co-W assembly (Grad. Sch. of Sci., The Univ. of Tokyo) ○ Kazuki NAKAMURA, Koji NAKABAYASHI, Kenta IMOTO, Shin-ichi OHKOSHI
2E-04 10:20-10:40	ビス(イミノ)ピロール部位を有する大環状配位子を用いた二核非ヘム鉄酵素のモデル構築 (阪大院理) ○山中 慶太, 畑中 翼, 船橋 靖博	2Fa-04 10:20-10:40	Modulation of terahertz wave absorption of cyanido-bridged metal assemblies including heavy alkali cations (Grad. Sch. Sci., Univ. of Tokyo) ○ Yuuki Mineo, Koji Nakabayashi, Kenta Imoto, Kosuke Nakagawa, Marie Yoshikiyo, Shin-ichi Ohkoshi
10:40-10:50 PC Connection			
Session E		Session Fa	
10:50-11:50 Chair: 船橋 靖博 (大阪大)		10:50-11:50 Chair: 高坂 亘 (東北大)	
2E-05 10:50-11:10	疎水的反応場を有するシクロクロムP450活性部位モデル錯体の合成と同定 (奈良女大院人間文化, 兵庫県立大院生命理, 京大複合研) ○岩本 星夏, 竹田 彩乃, 本田 裕樹, 柳澤 幸子, 小林 康弘, 瀬戸 誠, 藤井 浩	2Fa-05 10:50-11:10	Methanol purification from humid gas using Prussian blue analogues (NanoMat. Res. Inst., AIST) ○ Yuta Shudo, Tohru Kawamoto, Akira Takahashi
2E-06 11:10-11:30	Structural investigation of a light-triggered CO release reaction in a porous lysozyme crystal. (Tokyo Inst. of Tech., Univ. of Tsukuba, JASRI/Spring8 Center, Osaka Univ., Tohoku Univ.) ○ Basudev Maity, Mitsuo Shoji, Fangjia Luo, Satoshi Abe, Takanori Nakane, Yasuteru Shigeta, Eriko Nango, Takafumi Ueno	2Fa-06 11:10-11:30	Recovery of Ammonia as Ammonium Salt Using a Copper Hexacyanoferrate Adsorbent (NanoMat. Res. Inst., AIST) ○ Hatsuho Usuda, Koji Sakurai, Akira Takahashi, Tohru Kawamoto, Kimitaka Minami
2E-07 11:30-11:50	単一細胞内NO放出時空間制御を指向したMOF/ナノワイヤー複合材料 (京大iCeMS, JST さきがけ, 北大電子研, ルーバン大) ○ 猪瀬 朋子, Troyano Javier, 張 強, 山口 大輔, 徳田 駿, Sanchez-Gonzales Eli, Fortuni Beatrice, 平井 健二, 雲林院 宏, 古川 修平	2Fa-07 11:30-11:50	Harvesting a solid fertilizer of ammonium bicarbonate from piggery air using Prussian blue analogue (NanoMat. Res. Inst., Nat. Inst. of Adv. Ind. Sci. and Tech.) ○ Akira Takahashi, Kimitaka Minami, Keiko Noda, Koji Sakurai, Tohru Kawamoto
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 2PA-01-2PA-16; <b>2216:</b> 2PA-17-2PA-32; <b>2201:</b> 2PA-33-2PA-48 <b>2202:</b> 2PA-49-2PA-64; <b>2203:</b> 2PA-65-2PA-80; <b>2204:</b> 2PA-81-2PA-88, 2PB-01-2PB-08 <b>2207:</b> 2PB-09-2PB-16, 2PC-01-2PC-08; <b>2208:</b> 2PC-09-2PC-12, 2PD-01-2PD-12 <b>2209:</b> 2PD-13-2PD-18, 2PE-01-2PE-10; <b>2210:</b> 2PE-11-2PE-12, 2PF-01-2PF-14 <b>2211:</b> 2PF-15-2PF-30; <b>2212:</b> 2PF-31-2PF-47		
14:50-15:00 Break			

Day 2, 9/27 (Tuesday) 09:20-15:00			
Room 2403/2404		Room 2407	
9:10-9:20 PC Connection			
Session Fb		Session Fc	
9:20-10:40 Chair: 堤 治 (立命館大)		9:20-10:40 Chair: 貞清 正彰 (東京理科大)	
2Fb-01 9:20-9:40	Vanadium-substituted polycationic Al <sub>13</sub> dimer in a porous ionic crystal exhibiting Lewis acidity (The Univ. of Tokyo) ○ Wei ZHOU, Naoki OGIWARA, Sayaka UCHIDA	2Fc-01 9:20-9:40	Mixed-valence one-dimensional assemblies consisting of polyoxometalate and multinuclear platinum complexes (Fac. of Eng., Gifu Univ., Grad. Sch. of Eng., Gifu Univ.) ○ Kazuhiro UEMURA, Haruka HASEGAWA, Momoka OHSHIKA, Atsushi TAKAMORI
2Fb-02 9:40-10:00	Studies on the single-crystal to single-crystal phase transition in [Re(CO) <sub>3</sub> Br(ppt)] by super-resolution microscopy. (IIS, The Univ. of Tokyo, Grad. Sch. of Sci., Univ. of Hyogo) ○ Xiao MA, Kyoko ENOMOTO, Kazuyuki ISHII, Yuki MATSUDA, Masaaki ABE	2Fc-02 9:40-10:00	3種類のKeggin型モリブデン酸と白金-パラジウム三核錯体からなる混合原子価集積体の性状 (岐阜大院自然科学, 岐阜大院工, 岐阜大工) ○大鹿 桃果, 高森 敦志, 植村 一広
2Fb-03 10:00-10:20	Fold-mode Design of Crystalline NHC Cu(I) Coordination Polymers with Alternation of the Solid-state Emission via Shape of Counter Anions (Hokkaido Univ., WPI-ICReDD, Hokkaido Univ., Div. of Appl. Chem. and Front. Chem. Center (FCC), Fac. of Eng., Hokkaido Univ., Grad. Sch. of Chem. Sci. & Eng.) ○ Mingoo Jin, Rempei Ando, Hajime Ito	2Fc-03 10:00-10:20	Ultrahigh Proton Conduction of 10 <sup>-2</sup> S cm <sup>-1</sup> Achieved by Ionic Crystals Comprising Preyssler-type Polyoxometalates with Permanent Dipole (Grad. Sch. of Arts and Sci., The Univ. of Tokyo) ★Tsukasa Iwano, Daiki Akutsu, Sayaka Uchida
2Fb-04 10:20-10:40	Halogen bonded co-crystals of NHC gold(I) aryl complexes (WPI-ICReDD, Hokkaido Univ., Div. of Appl. Chem. and Front. Chem. Center (FCC), Fac. of Eng., Hokkaido Univ.) ○ Alexander Mikherdov, Mingoo Jin, Hajime Ito	2Fc-04 10:20-10:40	Basicity of Isostructural Porous Ionic Crystals Composed of Nb/Ta-Substituted Keggin-Type Polyoxotungstates (Sch. of Arts and Sci., The Univ. of Tokyo) ○ Zhewei Weng, Naoki Ogiwara, Sayaka Uchida
10:40-10:50 PC Connection			
Session Fb		Session Fc	
10:50-11:50 Chair: 北川 裕一 (北海道大)		10:50-11:50 Chair: 酒田 陽子 (金沢大)	
2Fb-05 10:50-11:10	Evaluation of photoexcited triplet electron spins in MOFs towards quantum sensing (Dept. of Appl. Chem., Grad. Sch. of Eng., Kyushu Univ., Center for Molecular Systems, Kyushu Univ., RIKEN Center for Emergent Matter Sci., Inst. for Molecular Sci., FOREST, JST) ★ Akio YAMAUCHI, Saiya FUJIWARA, Mizue ASADA, Motoyasu FUJIWARA, Toshikazu NAKAMURA, Nobuo KIMIZUKA, Nobuhiro YANAI	2Fc-05 10:50-11:10	Narcissistic self-sorting of Pd(II)-linked self-assemblies from structurally similar tritopic ligands depending on pathway and leaving ligand (Grad. Sch. of Arts and Sci., The Univ. of Tokyo) ○ Tsukasa ABE, Satoshi TAKAHASHI, Shuichi HIRAOKA
2Fb-06 11:10-11:30	Highly symmetric Tb(III) – Co(III) framework showing wide temperature overlap between SMM property and luminescence thermometry (Fac. of Pure and Appl. Sci., Univ. of Tsukuba, Fac. of Chem., Jagiellonian Univ., Grad. Sch. of Sci., The Univ. of Tokyo) ○ Junhao Wang, Jakub J. Zakrzewski, Mikolaj Zychowicz, Yue Xin, Hiroko Tokoro, Szymon Chorazy, Shin-ichi Ohkoshi	2Fc-06 11:10-11:30	Kinetically controlled selective self-assembly of Rh <sub>2</sub> -based molecular triangle and square by proper choice of leaving ligand (Dept. of Electrical Eng. and BioSci., Waseda Univ., Dept. of Basic Sci., The Univ. of Tokyo) Atsushi OKAZAWA, Naoki SANADA, Satoshi TAKAHASHI, OShuichi HIRAOKA
2Fb-07 11:30-11:50	Polymorphism and Mechanochromic Luminescence of Gold(I) Complex Bearing Isocyanide Ligand (Dept. of Appl. Chem., Ritsumeikan Univ.) ★Andriani FUROIDA, Urara SHIINA, Osamu TSUTSUMI	2Fc-07 11:30-11:50	Analysis of a Terpene Synthase from a Giant Virus by the Crystalline Sponge Method and Protein Crystallography (Grad. Sch. of Eng., The Univ. of Tokyo, IMS, High Energy Accelerator Res. Organization) ★ Youngcheol Jung, Takaaki Mitsuhashi, Miki Senda, Ko Kageyama, Toshiya Senda, Sota Sato, Makoto Fujita
11:50-12:50 Lunch Break			
12:50-14:50	<b>Poster Presentation</b> <b>2215:</b> 2PA-01-2PA-16; <b>2216:</b> 2PA-17-2PA-32; <b>2201:</b> 2PA-33-2PA-48 <b>2202:</b> 2PA-49-2PA-64; <b>2203:</b> 2PA-65-2PA-80; <b>2204:</b> 2PA-81-2PA-88, 2PB-01-2PB-08 <b>2207:</b> 2PB-09-2PB-16, 2PC-01-2PC-08; <b>2208:</b> 2PC-09-2PC-12, 2PD-01-2PD-12 <b>2209:</b> 2PD-13-2PD-18, 2PE-01-2PE-10; <b>2210:</b> 2PE-11-2PE-12, 2PF-01-2PF-14 <b>2211:</b> 2PF-15-2PF-30; <b>2212:</b> 2PF-31-2PF-47		
14:50-15:00 Break			