

9/28 午前 Zoom 1, 2 会場

第一日目 9月28日 (月) 午前 口頭発表			
Zoom 1 会場 (主題 A)		Zoom 2 会場 (主題 B)	
9:00-9:20 接続チェック			
9:20-10:30 座長：志賀 拓也 (筑波大院数物)		9:20-10:30 座長：北川 裕一 (北大院工)	
9:20-9:25	会長挨拶	9:20-9:25	会長挨拶
9:25-9:30	注意事項等の説明	9:25-9:30	注意事項等の説明
1A-01 9:30- 9:50	Self-assembling-directed developments of size and photoluminescence of soluble Au(I)-thiolate coordination polymers (Grad. Sch. of Env. Sci., Hokkaido Univ.) @Midori Murakami, Yukatsu Shichibu, Katsuaki Konishi	1Fb-01 9:30- 9:50	ピリジルチアゾール配位子を持つレニウム(I)錯体結晶のゲスト特異的発光ベイポクロミズム (兵庫県立大院物質理) ○松田 雄貴, 中村 瞭汰, 田原 圭志朗, 小澤 芳樹, 阿部 正明
1A-02 9:50- 10:10	Controlled Formation of $Pt^{II}_2Pd^{II}_2Mn^{II}_2$ Heterotrimetallic Coordination Polymers with Different Dimensionalities and Electrocatalytic Activities (Osaka Univ.) @Anna Carissa San Esteban, Naoto Kuwamura, Tatsuhiro Kojima, Takumi Konno	1Fb-02 9:50- 10:10	Triboluminescence of pyridinophane $Cu^I(NHC)$ complexes in crystals and amorphous polymers (Okinawa Inst. of Sci. and Tech., Arbuzov Inst.) ○Ayumu Karimata, Pradnya P. Patil, Robert R. Fayzullin, Eugene Khaskin, Sébastien Lapointe, Julia R. Khusnutdinova
1A-03 10:10- 10:30	A series of highly entangled metal – peptide frameworks based on a three-crossing unit (Sch. of Eng., The Univ. of Tokyo, Inst. for Mol. Sci.) @Ami Saito, Tomohisa Sawada, Makoto Fujita	1Fb-03 10:10- 10:30	量子化学計算および多変量解析法を用いたトリス(2,2'-ビピリジン)ルテニウム(II)錯体のLUMOのエネルギーと置換基種の相関に関する理論研究 (阪大院基礎工, 阪大CSR, 阪大QIQB) ○佐藤 宏賢, 池永 和輝, 北河 康隆, 中野 雅由
10:30-10:45 接続チェック			
10:45-12:05 座長：楊井 伸浩 (九大院工)		10:45-12:05 座長：久米 晶子 (広大院理)	
1A-04 10:45- 11:05	Study on Rational Syntheses of Planar 3d-4f Mixed-Metal Complexes and Their Magnetic Relaxation Behavior and Magnetocaloric Effect (Univ. of Tsukuba) ○Takuya Shiga, Haruka Miyamoto, Hiroki Oshio, Masayuki Nihei	1Fb-04 10:45- 11:05	Tb(III) coordination polymers with luminescence properties depending on their steric structure (Grad. Sch. of Chem. Sci. and Eng., Hokkaido Univ., Fac. of Eng., Hokkaido Univ., Inst. for Chem. React. Design and Discovery (WPI-ICReDD), Hokkaido Univ.) ○Ryoma Moriake, Yuichi Kitagawa, Koji Fushimi, Yasuchika Hasegawa
1A-05 11:05- 11:25	Dual-Luminescence from Excited Triplet State of the Ligand and ff transitions of Metal ion in Phenanthroline Complexes with Lanthanides (Aoyama Gakuin Univ.) ○Hitomi Ohmagari, Yukina Yamamoto, Nobuya Tanaka, Miki Hasegawa	1Fb-05 11:05- 11:25	Water-soluble Silver(II)-Phthalocyanines toward Fluorescence Sensing of Biothiols (Natl. Inst. for Mat. Sci., GREEN, Ins. of Liberal Arts and Sci., Univ. of Toyama) ○Hiroaki Isago, Harumi Fujita, Tamotsu Sugimori
1A-06 11:25- 11:45	一次元 Re(V)-希土類配位高分子の系統的合成と発光機構 (九大院理) ○川原 啓汰, 三浦 大樹, 河村 拓哉, 宮田 潔志, 恩田 健, 大谷 亮, 大場 正昭	1Fb-06 11:25- 11:45	フェロセン修飾脂質の分子集合化熱を利用した電気化学ペルチェ効果 (九大院工, 東大院理, 九大CMS) ○岩見 理沙, 的場 史憲, 山田 鉄兵, 君塚 信夫
1A-07 11:45- 12:05	<i>N</i> -Heterocyclic Carbene Ligands as Regulator of Phosphorescence in Gold(I) and Gold(I)-Silver(I) Clusters (Grad. Sch. of Sci., The Univ. of Tokyo) ○Zhen Lei, Koichi Nagata, Xiao-Li Pei, Hitoshi Ube, Mitsuhiko Shionoya	1Fb-07 11:45- 12:05	Eu(III)-functionalized Hybrid Nanomaterials With Enhanced Luminescence Properties (Inst. for Chem. React. Design and Discovery, Hokkaido Univ., Fac. of Eng., Hokkaido Univ.) ○Teng Zhang, MD Jahidul Islam, Yuichi Kitagawa, Yasuchika Hasegawa

9/28 午前 Zoom 3, 4 会場

第一日目 9月28日 (月) 午前 口頭発表			
Zoom 3 会場 (主題 C)		Zoom 4 会場 (主題 D)	
9:00-9:20 接続チェック			
9:20-10:30 座長：正岡 重行 (阪大院工)		9:20-10:30 座長：栗山 翔吾 (東大院工)	
9:20-9:25	会長挨拶	9:20-9:25	会長挨拶
9:25-9:30	注意事項等の説明	9:25-9:30	注意事項等の説明
1C-01 9:30- 9:50	歪んだ構造を有する高活性酸素発生錯体モデル (新潟大院自然, 防衛大応化) ○榮治 雅弘, 坪ノ内 優太, 園川 大樹, 平原 将也, Eman A. Mohamed, Zaki N. Zahran, 齊藤 健二, 由井 樹人, 八木 政行	1D-01 9:30- 9:50	クロムゲルミリン錯体の合成と構造および不飽和有機小分子との反応 (東北大院理) ○大村 啓貴, 長田 浩一, 飛田 博実, 橋本 久子
1C-02 9:50- 10:10	A Multi-Stimuli-Responsive Water Oxidation Catalyst (Nat. Def. Acad.) ○Masanari Hirahara, Hiroki Goto, Yasushi Umemura	1D-02 9:50- 10:10	二置換シクロペンタジエニル配位子を有するカチオン性メタロゲルミレンおよびゲルミリン錯体の合成と性質 (東北大院理) ○松本 力也, 渡邊 孝仁, 飛田 博実, 長田 浩一, 橋本 久子
1C-03 10:10- 10:30	Reactions of Doubly Oxido-Bridged Diruthenium Complexes Capped by an Oxygen-Donor Bidentate Ligand with Acid (Sophia Univ.) ○Tomoyo Misawa, Hirotaka Nagao	1D-03 10:10- 10:30	4価セリウムカルボキシレート錯体を光触媒とするカルボン酸の酸化反応 (阪大院基礎工, 阪市大院理) ○玉木 颯太, 白瀬 賢, 篠原 功一, 廣澤 慶志, 劔 隼人, 佐藤 哲也, 真島 和志
10:30-10:45 接続チェック			
10:45-12:05 座長：石塚 智也 (筑波大院数物)		10:45-11:45 座長：砂田 祐輔 (東大院工)	
1C-04 10:45- 11:05	Insights into Electron Transfer between Ru(IV)=O and Ce(IV) Oxidant in Ruthenium-catalyzed Water Oxidation (Kyushu Univ., North Dakota State Univ.) @Yutaro Aimoto, Alexander Parent, Kenton Rodgers, Kosei Yamauchi, Ken Sakai	1D-04 10:45- 11:05	Hydrosilylation of Benzophenone Derivatives with HN(SiHMe ₂) ₂ Catalyzed by Trivalent Rare-earth Silylamide Complexes via Amine Exchange Reaction (Osaka Univ., Univ. T ü bingen) @Koichi Shinohara, Reiner Anwander, Hayato Tsurugi, Kazushi Mashima
1C-05 11:05- 11:25	Anion Adducts of Osmium Tetroxide. Structure and Reactivity in C-H Bond Oxidation (Grad. Sch. of Eng., Osaka Univ.) ○Tomohiro Fujimoto, Hideki Sugimoto, Shinobu Itoh	1D-05 11:05- 11:25	Catalytic Ammonia Formation by Dinitrogen-Bridged Diruthenium Complex Bearing PNP-Pincer Ligands under Mild Reaction Conditions (The Univ. of Tokyo, Daido Univ., Kyushu Univ.) @Fanqiang Meng, Shogo Kuriyama, Hiromasa Tanaka, Akihito Egi, Kazunari Yoshizawa, Yoshiaki Nishikubo
1C-06 11:25- 11:45	Substituent Effects on Oxygen Reduction Reaction Catalyzed by Dinuclear Cobalt Polypyridyl Complexes Having Substituted 2,2'-Bipyridines (Dept. Chem., Rikkyo Univ.) @Hiroaki Arima, Takashi Nakazono, Tohru Wada	1D-06 11:25- 11:45	Organometallic reactivity of heterometallic Pd/Cu complexes: bimetallic activation and the role of unsymmetrical ligand scaffolds (OIST) @Shubham Deolka, Orestes Rivada-Wheelaughan, Govindarajan Ramadoss, Eugene Khaskin, Julia R. Khusnutdinova
1C-07 11:45- 12:05	Umpolung of B-H Bonds by Metal-Ligand Cooperation (The Univ. of Tokyo, JST PRESTO) @Takuya Higashi, Shuhei Kusumoto, Kyoko Nozaki		

9/28 午前 Zoom 5 会場

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Zoom 5 会場 (主題 Fa)	
9:00-9:20 接続チェック	
9:20-10:30 座長：今岡 享稔 (東工大化生研)	
9:20-9:25	会長挨拶
9:25-9:30	注意事項等の説明
1Fa-01 9:30- 9:50	Precise Synthesis of Graphene Nanoribbons in Metal-Organic Framework (Grad. Sch. of Front. Sci., The Univ. of Tokyo, Grad. Sch. of Eng., The Univ. of Tokyo) @Kazuki Nakata, Takashi Kitao, Takashi Uemura
1Fa-02 9:50- 10:10	Rapid formation of small mixed-valence silver clusters via electron transfer in a porous ionic crystal based on POM (Sch. of Arts and Sci., The Univ. of Tokyo) @Tomoki Okunaga, Sayaka Uchida
1Fa-03 10:10- 10:30	One-Step Shape-Selective Synthesis of Gold Nanokompeitos (AuNKs) Promoted by the Crystal Surface of Pd ₃ -Macrocycles (Grad. Sch. of Sci., The Univ. of Tokyo) @Yutaro Yamashita, Shohei Tashiro, Mitsuhiko Shionoya
10:30-10:45 接続チェック	
10:45-12:05 座長：貞清 正彰 (東理大院理)	
1Fa-04 10:45- 11:05	Controlling Molecular Helicity of Amphiphilic Chiral Salen Complexes by Mechanical Compression at the Air-Water Interface (Grad. Sch. of Nat. Sci. and Tech., Kanazawa Univ., WPI Nano Life Sci. Inst., Kanazawa Univ., Res. Center for Func. Mat., NIMS, The Inst. for Solid State Phys., The Univ. of Tokyo, WPI Int. Center for Mat. Nanoarchitectonics, NIMS, Grad. Sch. of Front. Sci., The Univ. of Tokyo) @Mizuho Takahashi, Keisuke Nomura, Yoko Sakata, Waka Nakanishi, Taizo Mori, Katsuhiko Ariga, Shigehisa Akine
1Fa-05 11:05- 11:25	A Gold Complex Crystal Exhibiting Thermally Induced Simultaneous Luminescent and Morphological Alterations and Ferroelastic Properties (Hokkaido Univ., Yokohama City Univ., WPI-ICReDD) @Chi Feng, Tomohiro Seki, Shunichi Sakamoto, Toshiyuki Sasaki, Satoshi Takamizawa, Hajime Ito
1Fa-06 11:25- 11:45	Water Driven Polarity Switching of 1D Coordination Polymers (Kyushu Univ., Kumamoto Univ.) @Junichi Yanagisawa, Ryo Ohtani, Shinya Hayami, Masaaki Ohba
1Fa-07 11:45- 12:05	Multimetallic Dendrimer Complexes for Synthesis of 1-nanometer Alloy Catalysts (Tokyo Inst. of Tech., JST-ERATO) @Tatsuya Moriai, Takamasa Tsukamoto, Tetsuya Kambe, Takane Imaoka, Kimihisa Yamamoto