

分子性固体科学研究会/Workshop on Molecular Solid State Science

2024/3/25 ver

日時: 2024年3月29日(金)–3月30日(土)

Date: March 29(Sat)–30(Sun), 2024

場所(研究会): 愛媛大学理学部(城北地区 2番町キャンパス) 理学部講義棟3階 S32講義室

Place (Workshop): S32-hall (on the 3rd floor at The Lecture Building in The Faculty of Science Campus, Ehime University)

場所(懇親会): (店名) てまり 愛媛県松山市一番町2–5–14丸菱ビル1F <https://www.hotpepper.jp/strJ000029438/>

Place (Banquet): Temari <https://www.hotpepper.jp/strJ000029438/>

プログラム/Program

2024/3/29(金), March 29(Fri)

12:55–13:00	Introduction: Chair: 内藤俊雄 Toshio NAITO
13:00–13:20	芥川智之(東北大学)、Tomoyuki AKUTAGAWA (Tohoku University) Molecular Dynamics and Ferroelectricity in Organic Semiconductors
13:20–13:40	* 森 健彦(東京工業大学)、Takehiko MORI (Tokyo Institute of Technology) Thermoelectric performance of organic conductors
13:40–14:00	中村貴義(北海道大学)、Takayoshi NAKAMURA (Hokkaido University) Supramolecular Strategy for Low-Dimensional Ferromagnets and Ferroelectrics
14:00–14:20	* 田島裕之(兵庫県立大学)、Hiroyuki TAJIMA (University of Hyogo) Development of accumulated charge measurement
14:20–14:40	Coffee time
Chair: 御崎洋二 Yoji MISAKI	
14:40–15:00	瀧宮和夫(東北大学、理化学研究所)、Kazuo TAKIMIYA (Riken CEMS and Tohoku University) My dear molecules
15:00–15:20	* 矢持秀起(京都大学)、Hideki YAMOCHI (Kyoto University) On Demand Preparation of Charge Ordered System
15:20–15:50	中澤康浩(大阪大学)、Yasuhiro NAKAZAWA (Osaka University) Thermodynamic properties of molecular dimer Mott system 坏広樹(大阪大学)、Hiroyuki AKUTSU (Osaka University) A new Tomonaga–Luttinger liquid, δ –(BEDT–TTF) ₂ (1–naphthalenesulfonate), caused by an anionic layer’s polarity–induced doping
15:50–16:10	松田真生(熊本大学)、Masaki MATSUDA (Kumamoto University) Organic Mott insulators Comprising Porphyrin Derivatives
16:10–16:30	Coffee time

Chair: 小簗 剛 Takeshi KOMINO	
16:30-16:50	阿波賀邦夫(名古屋大学)、Kunio AWAGA (Nagoya University) Chemistry and Physics of Gyroid Materials
16:50-17:10	* 山田順一(兵庫県立大学)、Jun-ichi YAMADA (University of Hyogo) Synthetic concepts and materialization
17:10-17:30	西川浩之(茨城大学)、Hiroyuki NISHIKAWA (Ibaraki University) Chiral luminescent materials in aggregated states
	集合写真(group photo)
18:45--	Banquet

2024/3/30(土), March 30(Sat)

Chair: 上田 顕 Akira UEDA	
9:00-9:20	白旗崇(愛媛大学)、Takashi SHIRAHATA (Ehime University) Synthesis of Alkyl-Substituted TTP Derivatives with Reduced π -System: Structures and Properties of Their Cation Radical Salts
9:20-9:40	澤博(名古屋大学)、Hiroshi SAWA (Nagoya University) Exploring the Invisible: Insights from Synchrotron Radiation X-ray Diffraction
9:40-10:00	* 加藤礼三(理化学研究所)、Reizo KATO (RIKEN) Crystal and electronic structures of molecular superconductors with bilayer structure and related materials: Dimerization, Dimensionality, and Dirac cone
10:00-10:20	宇治進也(物質材料研究機構)、Shinya UJI (NIMS) Fermiology of Organic Conductors
10:20-10:40	中村敏和(分子科学研究所)、Toshikazu NAKAMURA (Institute for Molecular Science) Competing electronic phases in 1D organic conductors
10:40-11:00	Coffee time
Chair: 高橋一志 Kazushi TAKAHASHI	
11:00-11:20	山本浩史(分子科学研究所)、Hiroshi YAMAMOTO (Institute for Molecular Science) Engineering of crystals directed toward molecular science
11:20-11:40	Narcis AVARVARI (Angers University) Chirality in molecular (super)conductors
11:40-12:00	藤原秀紀(大阪公立大学)、Hideki FUJIWARA (Osaka Metropolitan University) Development of π -extended TTF derivatives with a diazaquinoid framework
12:00-12:20	* 鹿野田一司(東京大学、マックスプランク研究所、シュトゥットガルト大学) Kazushi KANODA (University of Tokyo, Max Planck Institute for Solid State Research, University of Stuttgart) Emergent phenomena of spins and charges in organic conductors
12:20-12:25	Final remarks

* 招待講演者 invited speakers