第237回 OPERA研究交流セミナー
第228回 ISIT有機光エレクトロニクス研究特別室セミナー
第295回 未来化学創造センターセミナー

日時：2024年3月5日（火）16：00～
場所：ISI棟3階 セミナー室

Development of novel organic electronic materials with rational design of intra/intermolecular interactions

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Operation of organic optoelectronic devices is primarily based on charge transport or energy transfer between or within the molecules. Therefore, rational design of intermolecular and intramolecular interactions are expected to play a crucial role in such high-performance organic devices. However, much less attention has been paid onto this issue compared with numerous molecular structures and device architectures reported ever so far. The aim of my research is to provide new tools to effectively design and utilize these interactions.

1. Design of strain as an enabler of deep-red Cu(I) complexes

2. Solution-processable oriented crystalline hole injection layers for LED devices

主催：九州大学　最先端有機光エレクトロニクス研究センター
　　：財団法人九州先端科学技術研究所（ISIT）
共催：九州大学　未来化学創造センター