

30th IIR-ASMat Seminar (IIR-ASMat & CLS 合同セミナー)

Prof. Yi-Tsu Chan

Department of Chemistry,
National Taiwan University
No. 1, Sec. 4, Roosevelt Rd., Taipei 106319, Taiwan



Precision Self-Assembly Strategies for the Rational Construction of Giant Metallo-Supramolecular Architectures

The rational construction of complex metallo-supramolecular architectures with precisely defined structures remains a significant challenge due to the limited availability of predictable self-assembly strategies. In this seminar, I will present our systematic studies on how ligand geometry and connectivity govern coordination-driven self-assembly. These insights have enabled the development of general molecular design principles for the precision construction of well-defined, giant metallo-supramolecular architectures. Representative examples will be highlighted to illustrate a versatile self-assembly methodology, along with advanced structural characterization techniques employed to elucidate their architectures in solution and the solid state.

日時： 2026年1月22日（木）
16:30～18:30

場所： 東京科学大学すずかけ台キャンパス
S8棟 レクチャーホール

連絡先： 上野隆史・吉沢道人（内線 5844）