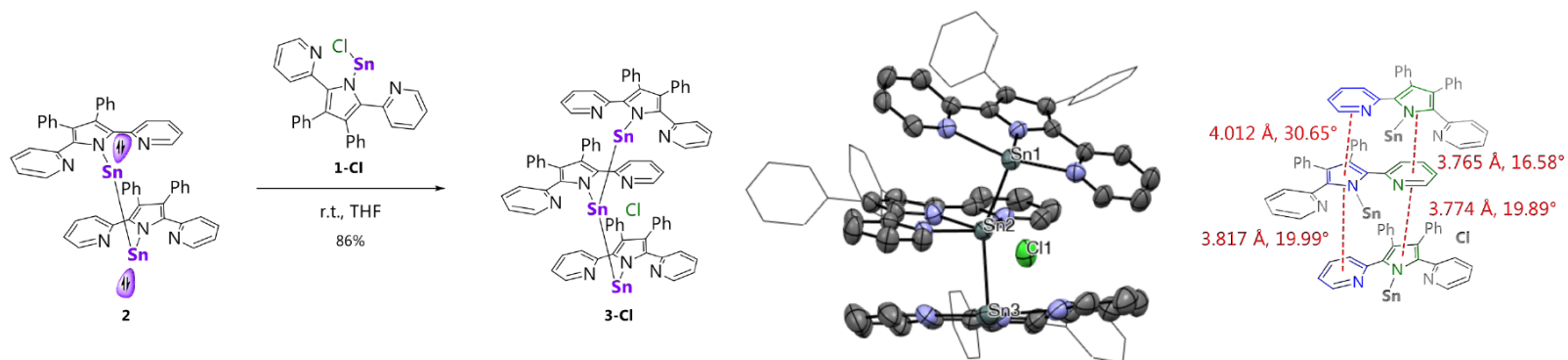


Prof. Hsueh-Ju Liu / Dept. of Applied Chemistry

Inorganic Chemistry, Organometallic Chemistry, Main Group Chemistry

1. Construct multimetallic motifs featuring meta-metal bonding interactions in a linear fashion. Our design focuses on new strategies of making metal-metal bonds in presence of electrostatic interaction between aromatic moieties of ligands.

An extended metal-atom chain formation by electrostatic and dative interactions.



2. Design of multimetallic sites for molecular recognition and small molecule activation.

