A01-1 Closely stacked π -systems for condensed conjugation

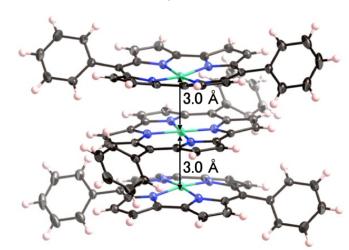
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Our Mission: Realization of a new electronic conjugation in intermolecular spaces via precise design of molecules with minimum intermolecular distances

Aims of A01-1

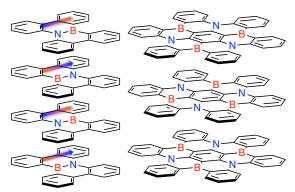
- Design and synthesis of π -systems in closest proximity
- Shrinking the intermolecular spaces through elimination/replacement of C-H bonds



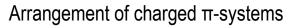
Close stacking of antiaromatics

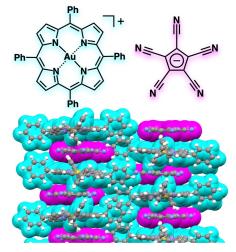
Three-dimensional aromaticity

Introduction of heteroatoms



Dipole–dipole interaction Lewis acid–base pairing





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