

A01-2

Novel π -systems for condensed conjugation and controlled electron localization

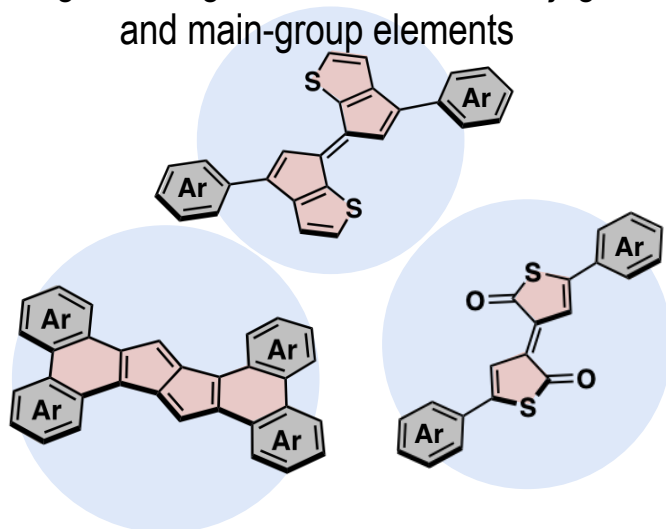
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Our Mission: Realization of a new electronic conjugation in intermolecular spaces via precise design of molecules with minimum intermolecular distances

Aims of A01-2

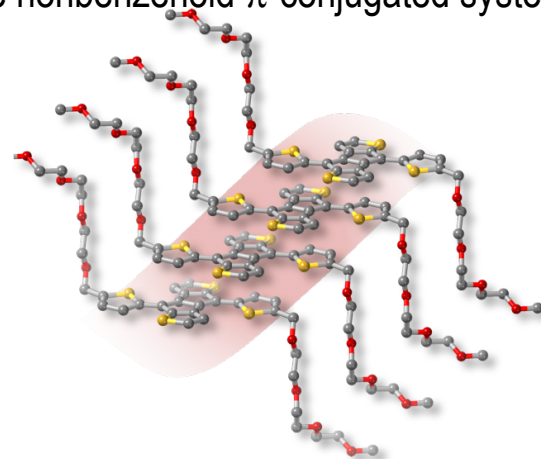
- Development of π -systems enabling both proximity and the controlled electron localization
- Precise design of structure and the electron localization in both neutral and charged states

Molecular design utilizing nonbenzenoid π -conjugated systems and main-group elements



Tailor-made molecular design & precise synthesis

Assembly and functions of the nonbenzenoid π -conjugated systems



*Minimization of C-H bonds
& utilization of electron-accepting scaffold*