

# A01-4

## Development of soft materials through the condensed conjugation of well-ordered ion-pair assemblies

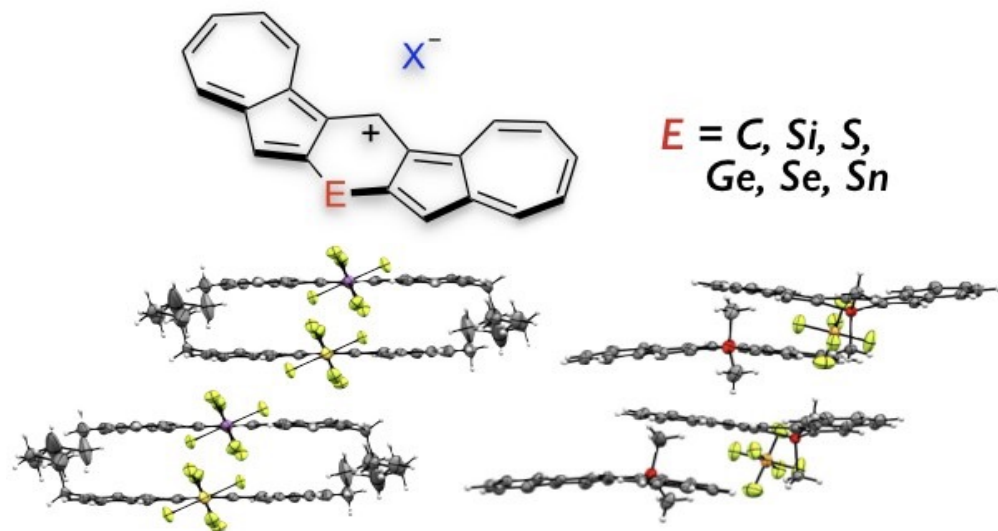
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**Our Mission:** Realization of a new electronic conjugation in intermolecular spaces via precise design of molecules with minimum intermolecular distances

### Aims of A01-4

- Condensed conjugation of charged  $\pi$ -systems consisting of main group element-bridged diazulenylmethyl cations
- Unique photophysical and charge transport properties based on stacking.

### High-density stacking of cationic $\pi$ -systems



### Pursuit of functions realized by condensed conjugation

