

A04-4

Exploring novel electronic functions of condensed conjugated π -electrons induced by randomness

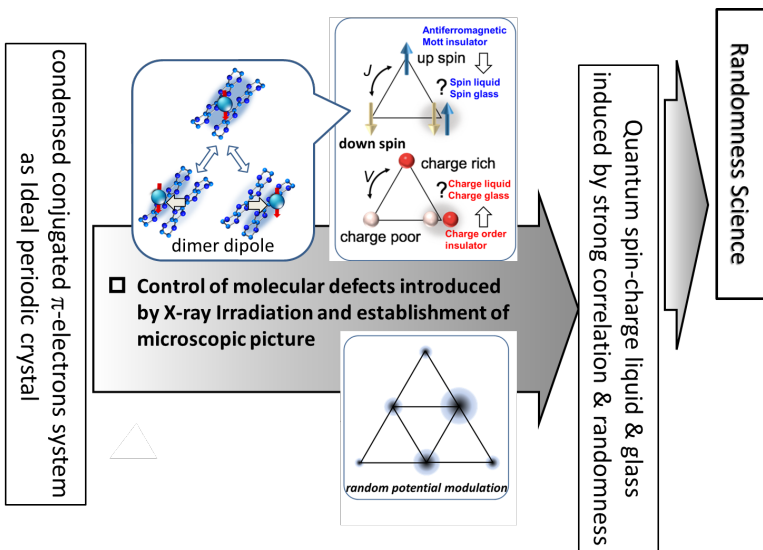
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Our Mission: Beyond condensed conjugation

Aims of A04-4

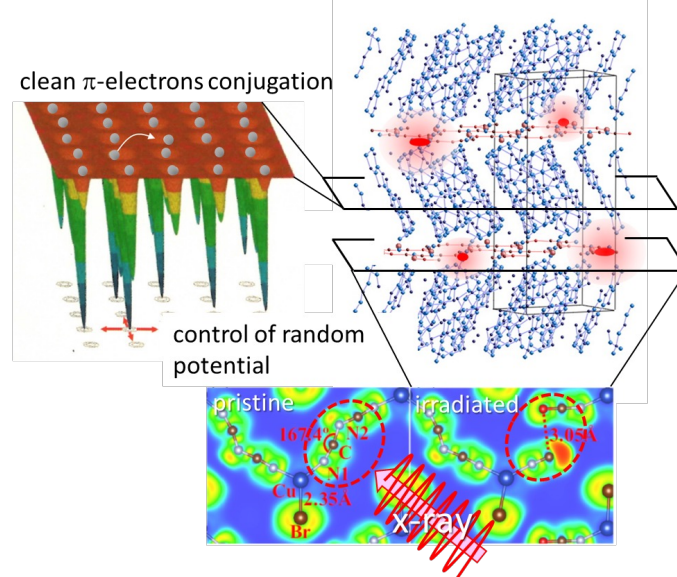
- Exploring quantum disordered states induced by randomness and strong electron correlations
- Control of molecular defects introduced by X-ray Irradiation and establishment of microscopic picture

Electronic functions where randomness is intrinsic



Toward the use of randomness in science beyond obstacles

Control of molecular defects by X-ray irradiation



Creation of physical properties and control parameters by artificially introducing molecular defects