

**A03-3**

# Diffusion dynamics of wave-packet and charge localized/delocalized in conjugation molecular materials

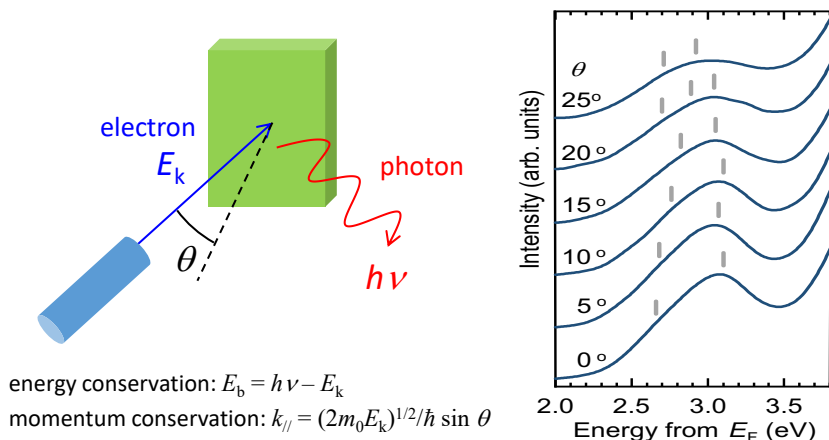
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## Our Mission: Observation of condensed conjugation

### Aims of A03-3

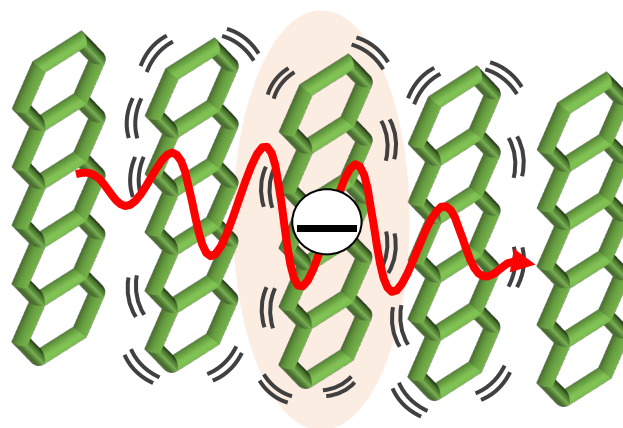
- Direct observation of conduction band structure using angle-resolved low-energy inverse photoelectron spectroscopy (AR-LEIPS)
- Relationship between localization/delocalization of charge carriers and wave-packet diffusion dynamics

### Observation of conduction band structure



**angle-resolved low-energy photoelectron spectroscopy**

### Diffusion of wave-packet



**localization/delocalization of charge carriers**