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**Electronic Structure of Pi-Conjugated Materials: From Conducting Polymers to Organic Semiconductor Crystals**

This presentation will provide an overview of how our theoretical understanding of pi-conjugated materials has evolved over the past 30 years and will highlight two topics of current interest:

1. A description of the electron-vibration interactions in organic semiconductors.
2. A depiction of the complexity of the interfacial electronic and geometric structure at organic donor/acceptor heterojunctions.