

# 2022 MRS® FALL MEETING & EXHIBIT

November 27–December 2, 2022 | Boston, Massachusetts  
December 6–8, 2022 | Virtual

## Symposium SB06-Structure-Function Relationships and Optoelectronic Processes in Organic and Organic/Inorganic Hybrid Materials for Flexible Electronics and Photovoltaics Symposium Organizers

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### Topics will include:

- Materials design and synthesis (polymer and molecular donors, non-fullerene acceptors, photosensitizers)
- Relation between processing, film solid-state structure, optoelectronic properties, charge transport, material physics and device performance
- Doped organic semiconductors, application as device interlayers, electrodes and, e.g., in thermoelectric devices
- Mechanisms in organic opto- and bio-electronics
- Ultrafast photo-induced processes: exciton dynamics, light emission, charge generation and recombination
- Photo-induced processes at the nanometer scale
- Transport in organic and hybrid semiconductors
- Link between chemical structure, interfaces and stability
- Engineering, properties and processes at device interfaces and role of hole/electron transport materials



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