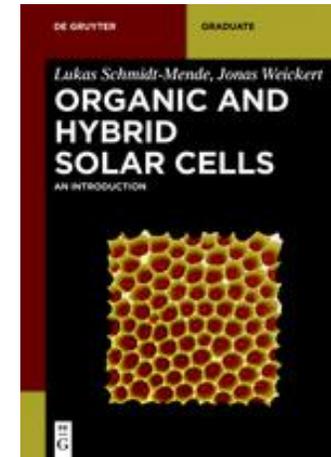


The Physics of Organic and Hybrid Solar Cells

Vorlesung

Hintergrundwissen:	Festkörperphysik
Sprache:	Deutsch oder Englisch
Zeit:	Mo 15.15-16.45 (P912) Do 13.30-15.00 (P912)
Übung:	Mo 13.15-15.00 (P912)
Skript:	Buch und aktuelle Literatur



The Physics of Organic and Hybrid Solar Cells

- Introduction to Organic Semiconductors and Semiconductor Junctions
- Working Mechanisms of Organic, Hybrid and Perovskite Solar Cells
- Architectures of Organic and Hybrid Solar Cells (All-organic, Dye-sensitized, Hybrid, and Perovskite Solar Cells)
- Characterization Techniques
- Fabrication and Device Lifetime
- Examples from Literature

