



## HZB KESTCELLS seminar #5

### Heterojunctions in Solar Cells

Tuesday, June 30th at 14:00 in room E115, LM-Campus, HZB

#### Abstract

Because of their large absorption coefficient, thin film solar cells are generally fabricated in a heterojunction device geometry. Basic principles of heterojunctions, as well as photovoltaic-related concepts such the effect of doping and interface defects on the heterojunction energetics and carrier transport will be discussed.

#### Agenda

- 14:00 Introduction (Dr. Thomas Unold)
- 14:15 Heterojunctions in Solar Cells (Dr. Alex Redinger)
- 15:15 Principles JVT-Analysis (Dr. Thomas Unold)
- 16:15 Discussion and Conclusions