



## **HZB KESTCELLS seminar #8**

### **Quantitative XPS and its Application to Thin Film Solar Cells**

Friday, July 29th at 10:00 in room 14.51-6312, Albert-Einstein-Str.15, 12489 Berlin, Campus Adlershof

#### **Abstract**

XPS is a surface sensitive analysis tool that provides information on elemental composition and chemistry of surfaces. However, quantifying XPS results is not straightforward.

In this workshop we will explore the basics of quantitative XPS and its application to analyse thin film devices and their components.

#### **Agenda**

10:00 Introduction (I. Lauer mann)

10:15 Basics of quantitative XPS (I. Lauer mann)

11:00 Application of quantitative XPS for analysis of alkali-treated chalcopyrite samples(I. Majumdar)

11:45 Discussion