



Mittwoch, 06.07.2016, um **16:00 Uhr**

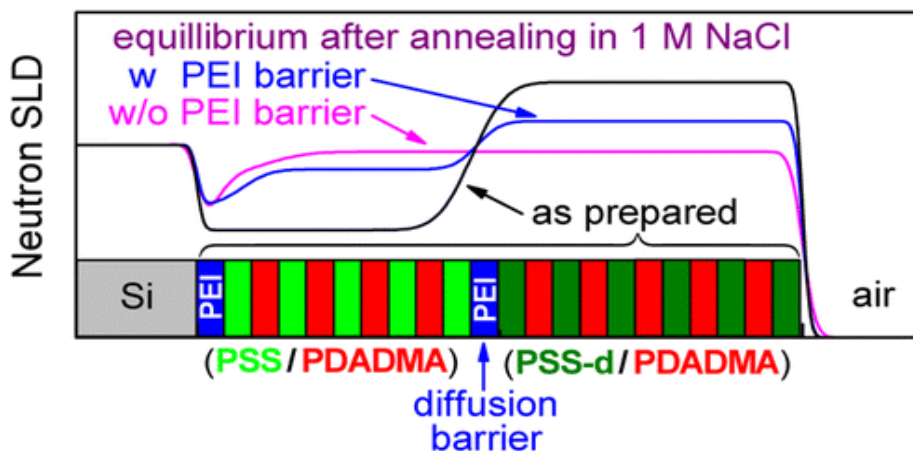
Ort: Reichenhainer Str. 90;  
Zentrales Hörsaal- und Seminargebäude,  
Raum 2/N013

**Prof. Dr. Christiane A. Helm**

Universität Greifswald  
Institut für Physik

## Influence of molecular weight on growth and interdiffusion in polyelectrolyte multilayer films

Polyelectrolyte multilayer films are assembled through a sequential self-limiting adsorption process. Thus, an advantage of the technique could be the ability to position functional nanoparticles within the film at the nanoscale. Different linear and non-linear growth modes are studied in-situ with ellipsometry, the width of internal interfaces and interdiffusion with neutron reflectivity. The correlation between adsorption conformation and internal structure is discussed.



Alle Zuhörer sind ab 15:45 zu Kaffee und Tee vor dem Hörsaal eingeladen.

