Materials Science Seminar

As a part of the Master Program ‘Material Science’, we offer in the coming WS 20/21 the Seminar

SMART MATERIALS AND DIFFRACTION METHODS

for the fulfillment of the requirements in the Module ‘Advanced Science Seminar’.

Topics:
T1 Smart Materials – Shape memory alloys
T2 Introduction to Nanoparticles
T3 Super-Ionic Materials
T4 Structure of Li-ion batteries using the Rietveld method in Powder Diffraction
T5 Dislocations in Metals
T6 Structure of disordered materials from Reverse Monte Carlo Simulations

Regular weekly meetings - Wednesday morning.

Assignment of topics and dates of presentation individually in Room 7.504, Chemistry Building, Pfaffenwaldring 55, Uni Campus Vaihingen after making appointment per Email.

PD Dr. Nikolay Zotov