

Program of the examination seminar (EVF514 Fyzika povrchů)

to be held on Friday January 25, 2019 (KEVF, room A042, 9:00 - 12:30)

9:00-9:20 Jiří Doležal: Mapping the electrostatic charge distribution within molecules by means of Scanning Probe Microscopy

9:30-9:40 Zdeněk Rafaj: DFT as a tool to understand surface chemical reactions

10:00-10:20 Xianxian Xie: Preparation and Characterization of catalyst on Porous CeO₂/Carbon layer by magnetron Co-sputtering

Break

10:45-11:05 Šárka Kučerová: Determination of ZnO nanostructures growth mechanisms using theoretical methods

11:15-11:35 Hana Faitová: Interaction of Focused Ion Beam with Semiconductors

11:45-12:05 Lucinda Blanco Redondo: Oxygen Reduction Reaction study in Rotating Ring Disk Electrode