DESY User Meeting - Satellite Workshop

Interfaces in electro chemistry, corrosion and solution based self assembly

Organizers: Andreas Stierle, Olaf Magnussen, Bridget Murphy
Time: 2-6:30 pm, Thursday 30.1.2020
BUILDING 25b, room 109

Schedule

14:00 - 14:05	Andreas Stierle, DESY FS-NL	Introduction
14:05 - 14:35	Beatriz Roldan, FHI Berlin	Operando Insight into Structure, Composition and Reactivity Correlations in the Electrochemical Reduction of CO2
14:35 - 15:05	Marc T.M. Koper, Leiden University	Electrochemical surface science of platinum
15:05 - 15:25	Herbert Over, Universität Gießen	In-Situ Stability Studies of IrO2-based model Electrodes under OER Conditions
15:25 - 15:45	Edvin Lundgren, Lund University	The brightest Au(111) surface
15:45 - 16:10	Coffee Break	
16:10 - 16:30	Jinshan Pan, KTH Stockholm	Passive film on super duplex stainless steel and its electrochemical stability studied by synchrotron X-ray technique
16:30 - 16:50	Leon Jacobse, DESY FS-NL	Observing Pt(111) under operando oxygen reduction and evolution conditions
16:50 - 17:20	Nadiia Mameka, HZG	Inspirations from interface and corrosion science: Strategies toward design of interface-controlled materials
17:20 - 17:40	Bridget Murphy, Universität Kiel	Understanding liquid structure and dynamics interfaces at LISA
17:40 - 18:10	Oleg Konovalov, ESRF	In situ study of the formation mechanism of two-dimensional superlattices from PbSe nanocrystals
18:10 - 18:30	Francesco Karla, Diamond Light Source	layer by layer growth of semiconductor thin films: an operando SXRD study