

Max Planck - EPFL Center for Molecular Nanoscience & Technology
Science Day – ZOOM online meeting
8th October 2020

Thursday, October 8th, 2020	
9:50	<i>Log-in & welcome</i>
10:00-10:30	Chemical kinetics at a water-water interface and photoelectron spectroscopy from a planar surface of aqueous solutions A.Osterwalder (EPFL) & B.Winter (FHI)
10:30-11:00	Machine learning of experimental observables in surface and interface science ; M.Ceriotti (EPFL) & M.Rossi (FHI)
11:00-11:30	Solar battery based on a hybrid organic-inorganic scheme A.Fontcuberta (EPFL) & F.Podjaski (MPI-FKF)
11:30-12:00	Probing Gas/Surfaces Reaction Dynamics with Vibrational Spectroscopies ; A.Wodtke (MPI-BPC) & R.Beck (EPFL)
12:00-14:00	<i>LUNCH break</i> (<i>12:00-12:30 Scientific Board meeting</i>)
14:00-14:30	Unraveling the working morphology of bimetallic nanoparticles under electrocatalytic CO ₂ reduction reaction conditions A.Yoon (FHI) & D. Alexander (EPFL)
14:30-15:00	Mixed conduction and environmental stability in 3D and 2D halide perovskites ; D.Moia (MPI-FKF) & A.Ducinkas (EPFL)
15:00-15:30	Ultrafast electronic and structural dynamics in lead halide perovskites M.Chergui (EPFL) & R.Ernstorfer (FHI)
15:30-16:00	Chiral spectroscopy & forces ; Ch. Galland (EPFL) & P. Fischer (MPI-IS)
16:00-16:30	Mechanically stabilized synthetic cells as a playground for 4D microscopy ; I.Platzman (MPI-MF) & A.Radenovic (EPFL)
16:30-16:40	<i>Closing remarks</i>