

**Max Planck - EPFL Center for Molecular Nanoscience & Technology  
Science Day – EPFL  
September 28<sup>th</sup>, 2022**

Starling Hotel Lausanne <http://shlausanne.com>

<b>Wednesday, September 28<sup>th</sup>, 2022</b>	
<b>09:45</b>	Welcome
10:00-10:30	News from the Nanolab: tuning spins for clean energy (Yunchang Liang, Nanolab of the MPS-EPFL-Center) <b>COFFEE BREAK</b>
11:00-11:30	Probing Gas/Surfaces Reaction Dynamics with Vibrational Spectroscopies (Arnab Choudhury, MPI-NAT and Chris Reilly, EPFL)
<b>12:00</b>	<b>LUNCH</b> (12h00-12h30 Meeting of the Scientific Board)
14:00-14:30	Machine learning of experimental observables in surface and interface science (Jigyasa Nigam, EPFL and Alan Lewis, FHI/MPSD)
14:30-15:00	Chiral spectroscopy & forces (Hyunah Kwon, MPI-IS and Arnaud Jollivet, EPFL) <b>COFFEE BREAK</b>
15:30-16:00	Unraveling the working morphology of bimetallic nanoparticles under electrocatalytic CO <sub>2</sub> reduction reaction conditions (See Wee Chee, FHI and Duncan Alexander, EPFL)
16:00-16:30	Ion transport in 3D and 2D halide perovskites: interfacial and light effects (Mina Jung, MPI-FKF)
16:30-17:00	Solar battery based on a hybrid organic-inorganic scheme (Julia Römer, MPI-FKF)