

Max Planck - EPFL Center for Molecular Nanoscience & Technology
Science Day – EPFL
7th-8th November 2013
 Starling Hotel Lausanne <http://shlausanne.com>

Thursday, November 7th, 2013	
09:00	Introduction, <u>K. Kern</u> and <u>T. Rizzo</u>
09:30-10:10	State to state dynamical studies of surface chemistry & energy transfer, <u>R. Beck</u> (EPFL) and <u>A. M. Wodtke</u> (MPS)
10:10-10:50	Projects of the MNST-Center lab on the EPFL campus, <u>M. Lingenfelder</u> (EPFL)
10:50-11:40	Photoelectrochemical water splitting by GaAs nanowire arrays on Si, <u>A. Fontcuberta i Morral</u> (EPFL) and <u>B. Lotsch</u> (MPS)
12:00	LUNCH
13:20-14:20	General discussion
14:20-15:00	Joined project by J. Maier (MPS) and M. Grätzel (EPFL) + speakers : <u>G. Gregori</u> (MPS), <u>N. Pellet</u> (EPFL)
15:00-15:40	Biomolecules on their way to solvation, G. von Helden and V. Blum (MPS), O. V. Boyarkin and <u>T. Rizzo</u> (EPFL), + speaker : <u>C. Baldauf</u> (MPS)
15:40-16:05	Artificial micro-swimmers in biological fluids, <u>T. Qiu</u> (MPS-PhD project)
	COFFEE BREAK
16:40-17:20	Bottom-up molecular assembly of cellular focal adhesion-associated proteins at nanopattern membrane interfaces, <u>A. Radenovic</u> (EPFL) and <u>J. Spatz</u> (MPS)
17:20-17:50	The Titan double Cs corrected microscope – new perspectives for nanoscale studies, <u>C. Hébert</u> (EPFL)
19:30	DINNER at “La Table de Vallotton” at the Rolex Learning Center
Friday, November 8th, 2013	
08:50-09:30	Bioengineering interaction between dendritic cells and T cells, <u>J. Hubbell</u> (EPFL) and <u>J. Spatz</u> (MPS)
09:30-10:10	Towards the first-principles discovery of (novel) thermoelectric materials, M. Scheffler (MPS) and N. Marzari (EPFL) + speakers : <u>C. Carbogno</u> (MPS), <u>A. Cepellotti</u> (EPFL)
10:10-10:50	Realistic materials for Li-ion batteries: A combined experimental and theoretical approach, and the challenge of modeling mixed-valence transition-metal oxides, <u>N. Marzari</u> (EPFL) and J. Maier, B. Lotsch (MPS)
10:50-11:00	Final discussion
11:00-12:00	Meeting of the Scientific Board
12:00	LUNCH