

iSwitch

Final Symposium

December 11th & 12th 2018

Humboldt-Universität zu Berlin
Campus Adlershof

Perspectives on
Switchable Systems and
Materials for Smart Electronics


HORIZON 2020

Organizers:
Stefan Hecht & Norbert Koch


Erwin-Schrödinger-Zentrum
Rudower Chaussee 26
12489 Berlin



Tuesday 11th December 2018

Time	Action
13:55	Stefan Hecht & Norbert Koch (HU Berlin) Welcome and Opening Remarks
14:00	Katharina Franke (FU Berlin) Electronic Transport and Switching of Individual Molecules
14:45	Johan Hofkens (KU Leuven) It's a Trap! Localized States in Lead Halide Perovskite Semiconductors Leading to On/Off Switching of Luminescence in Perovskite Single Crystals
15:15	Francesco Stellacci (EPFL Lausanne) Spin Filtering using Hybrid Interfaces
15:45	 Coffee Break
16:15	Peter Saalfrank (University of Potsdam) Molecular Switches: From Structure to Kinetics and Dynamics
17:00	J�rome Cornil (University of Mons) A Theoretical Insight into Switchable Self-Assembled Monolayers
17:30	Akimitsu Narita (MPI-P Mainz) Synthesis of Nanographene Molecules for Potential Applications in Switchable Devices

Wednesday 12th December 2018

Time	Action
09:00	Martin Weinelt (FU Berlin) Switching in SAMs
09:45	Vincenzo Palermo (CNR Bologna) 3D vs. 2D: Molecular Switching in Solution and on Surfaces
10:15	Concepci� Rovira (CSIC Barcelona) Switchable Surfaces by Functionalization with Electroactive Molecules
10:45	 Coffee Break
11:15	Emil List-Kratochvil (HU Berlin) Active Control of Electro/Optical Interface Properties in Hybrid Inorganic/Organic Material and Devices Systems using Optically Switchable Molecules
12:00	Fabio Biscarini (University of Modena) Ion Gating in Organic Electrolyte Transistors: Memory Effects and Biosensing
12:30	Peter Erk (BASF Ludwigshafen) Women in Leadership Positions
13:00	Stefan Hecht & Norbert Koch Closing Remarks