

Program of the 12th mol(CH)surf discussion meeting

Friday, June 16, 2017

Swiss National Science Foundation, Wildhainweg 3, 3001 Bern, Plenarsaal 21



08:45 – 09:15	<i>Registration</i>	
09:15	Welcome	Thomas Greber
	Keynotes	<i>Chair: Silvio Decurtins</i>
09:20 – 09:50	Using edge functionalities in graphene nanoribbons to engineer topological electronic phases	Oliver Gröning, EMPA
09:50 – 10:20	Thermal stability of holmium single atom magnets in a high magnetic field	Fabian Natterer, EPFL
<i>Coffee break</i>		
	Recent developments I	<i>Chair: Ernst Meyer</i>
10:50 – 11:10	Molecular Chessboard Assemblies Sorted by Site-Specific Interactions of Out-of-Plane d-Orbitals with a Semimetal Template	Thomas Jung, PSI&UBAS
11:10 – 11:30	Self-assembly and polymerisation of tailor-made molecules on surfaces	Shi-Xia Liu, UBE
11:30 – 11:50	The donor-acceptor properties of a single molecule altered by on-surface complex formation & the Swiss team at the NanoCar Race in Toulouse	Tobias Meier, UBAS
11:50 – 12:10	Open- or closed-shell: revealing the character of an antiaromatic hydrocarbon	Zsolt Majzik, IBM
<i>Lunch</i> <i>at Restaurant Beaulieu</i>		
	Brief reports I	<i>Chair: Pascal Ruffieux</i>
14:15 – 14:30	Tracking on-surface chemical reactions by fast-XPS	Marco Di Giovannantonio, EMPA
14:30 – 14:45	Corrugation and adsorption height of h-BN nanomesh on Rh(111)	Matthais Muntwiler, PSI
14:45 – 15:00	Investigating the charging processes of molecules on multilayered insulating films	Shadi Fatayer, IBM
15:00 – 15:15	Probing the enantioselective properties of PdGa surfaces	Samuel Stolz, EMPA
<i>Coffee break</i>		
	Brief reports II (Magnetism)	<i>Chair: Leo Gross</i>
15:50 – 16:05	Dy-endohedral fullerenes on surfaces	Denis Krylov, IFW
16:05 – 16:20	Conformational change induced by magnetic torque in single-molecule magnets	Aram Kostanyan, UZH
16:20 – 16:35	Long-range ferrimagnetic order in a two-dimensional supramolecular Kondo lattice	Milos Baljozovic, PSI
16:35 – 16:45	Final discussion	<i>Chair: Roman Fasel</i>
16:45	<i>Closing remarks</i>	Roman Fasel

molCHsurf XI (2017)

List of the 45 registered participants (170612)



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