

Towards Molecular Spintronics

8th Scientific TMS Workshop

Towards Molecular Spintronics



Center Hotel ALTE SPINNEREI, Burgstaedt

Thursday, 26 March 2015

10:00 - 10:15	Welcome	Zahn/Salvan
10:15 - 11:15	Nano-structured Spin Crossover Complexes - Amphiphilic Molecules and Complex-Polymer Composite Materials (45minutes talk + 15 minutes discussion)	Weber
11:15 - 12:00	Transition Metal Complexes Supported by Macrocyclic Amino-Thiophenolato Macrocycles: Syntheses, Magnetic Properties, and Deposition on Surfaces (30 minutes talk + 15 minutes discussion)	Kersting
12:00 - 12:45	Metallophthalocyanines and -porphyrins: Synthesis and Characterization (30 minutes talk + 15 minutes discussion)	Rüffer
12:45 - 13:45	Lunch	
13:45 - 14:45	Room-temperature Spin Coherence in Organic Light-Emitting Diode (45 minutes talk + 15 minutes discussion)	Lupton
14:45 - 15:30	Organic Magneto-Resistance in Lateral Devices (30 minutes talk + 15 minutes discussion)	Salvan
15:30 - 16:00	Coffee Break	
16:00 - 16:45	Hybrid Organic-Organic Strongly Coupled Microcavities (30 minutes talk + 15 minutes discussion)	Michetti
16:45 - 17:00	Check-In	
17:00 - 19:00	Meeting of Projectleaders	Only PL
19:00 - 20:00	Dinner	
from 20:00	Poster Session	

Friday, 27 March 2015

08:00 - 09:00	Breakfast	
09:00 - 11:00	Discussion of Current Research (SP1 bis 7)	
11:00 - 11:30	Snacks	
11:30 - 13:00	Discussion of Current Research (SP8 bis 9)	

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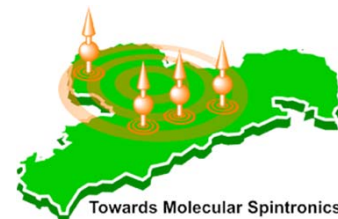
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Poster Session

SP1	Synthesis and Characterisation of polynuclear 3d-Transition Metal Complexes of macrocyclic N- and S-donor ligands	Schmorl, Kersting
SP1	Chemisorption of Exchange-Coupled dinuclear Ni-Complexes on Gold and Metal Oxides	Börner, Kersting
SP2	Octaferrocenyl-substituted 5,10,15,20-Tetraphenylporphyrin - a molecule allowing eight individual redox events	Al-Shweiki, Korb, Hildebrandt, Lang, Rueffer
SP2	From the first mono- to oligonuclear rare earth metal carboxylato complexes	Khalladi, Abdulmalic, Lang, Rueffer
SP2	Oligonuclear bis(oxamidato) and bis(oxamato) type complexes - from kinetic instability to the synthesis of new family members	Weheabby, Abdulmalic, Lang, Rueffer
SP4	Electron spin density on the N atoms of Cu(II)-bis(oxamidato) complexes: a pulse ELDOR detected NMR study	Aliabadi, Kataev, B. Büchner, Zaripov, Vavilova, Salikov, Abdulmalic, Ruffer
SP6	Scanning tunneling microscopy of magnetic molecules: work in progress	Salazar, Baumann, Scheffler, Büchner, Hess
SP6	Debromination and surface-confined polymerization of copper-octabromotetraphenylporphyrin	Smykalla, Shukrynau, Korb, Al-Shewiki, Lang, Hietschold
SP7	MnPc – F ₄ TCNQ charge transfer complex	Rückerl, Knupfer
SP7	Charge transfer and metallic conduction at the F ₁₆ CoPc – Rubrene interface	Rückerl, Knupfer
SP7	Influence of substrate on the Energy level alignment of CoPc studied by combined photoemission spectroscopy and inverse photoemission spectroscopy	Guo, Haidu, Solonenko, Dzhagan, Salvan, Zahn
SP8	Photo-induced magnetoresistance in TIPS-pentacene solution processed organic field effect transistors and lateral trench devices	Banerjee, Bütz, Lüttich, Reuter, Hiller, Gessner, Zahn, Salvan
SP9	Novel spin valve structure based on roll-up nanomembrane electrode	Jalil, et al.
SP9	Exploring nano-scaled transport characteristics on organic systems via conductive AFM	Siles et al.
SP9	Local transport characteristics in VOPc-F ₁₆ CuPc heterostructures via conductive AFM	Siles, Bandari, Jalil, Zhu, Schmidt

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