

Towards Molecular Spintronics

# 9th Scientific TMS Workshop

## Towards Molecular Spintronics



Center Hotel ALTE SPINNEREI, Burgstaedt

### Thursday, 5 November 2015

10:00 - 10:15	Welcome	Zahn/Salvan
10:15 - 11:15	Spintronics with Molecular Thin Films: Beyond Conventional Spin Valves (45minutes talk + 15 minutes discussion)	Hueso
11:15 - 12:15	Role of the Charge Transfer State in Organic Donor–Acceptor Solar Cells (45 minutes talk + 15 minutes discussion)	Deibel
12:15 - 13:15	Lunch	
13:15 - 14:15	Interfacial engineering to enhance spin injection into an organic semiconductor from a ferromagnetic metal (45 minutes talk + 15 minutes discussion)	Hacker
14:15 – 15:15	New Conjugated meso-Porphyrin Dendrimers for Optics (45 minutes talk + 15 minutes discussion)	Paul
15:15 - 15:45	Coffee Break	
15:45 – 16:30	Characterization, Control and Manipulation of Molecular Spin Ensembles by ESR (30 minutes talk + 15 minutes discussion)	Kataev
16:30 – 17:30	Young Researchers Presentations Part I (each 10 minutes talk + 5 minutes discussion)	
17:30 - 18:30	Check-In	
18:30 - 19:30	Dinner	
from 19:30	Poster Session	

### Friday, 6 November 2015

08:00 - 09:00	Breakfast	
09:00 – 10:00	Hybrid Magnetoplasmonics (45 minutes talk + 15 minutes discussion)	Giessen
10:00 - 11:00	Young Researchers Presentations Part II (each 10 minutes talk + 5 minutes discussion)	
11:00 - 11:30	Snacks	
11:30 - 13:00	Young Researchers Presentations Part III (each 10 minutes talk + 5 minutes discussion)	

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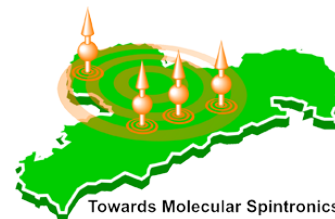
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### Poster Session

SP1	Synthesis and characterisation of dinuclear transition metal complexes of the macrocyclic hexaaza-bis(dithiophenolato)-ligand system	Schmorl
SP1	Tetranuclear 3d-transition metal complexes of a novel macrocyclic N <sub>4</sub> S <sub>4</sub> -donor ligand	Blömer
SP3	Charge transfer in metal phthalocyanine hetero structures	Hahn, Liebing, Kortus
SP3	Transport and order in a charge-charge-interacting monolayer	Ludwig
SP4	Electron spin density on the N atoms of Cu(II)-bis(oxamidato) complexes: a pulse ELDOR detected NMR study	Aliabadi
SP4	High-field ESR study of a new ferrous cubane SMM	Aliabadi
SP6	Self-assembly and electronic structure of Er <sub>3</sub> N@C <sub>80</sub> on Au(111) & W(110) substrate studied by variable temperature STM	Schimmel, Sun, Baumann, Krylov, Samoylova, Popov, Hess
SP6	Debromination and surface-confined polymerization of copper-octabromotetraphenylporphyrin	Smykalla, Shukrynau, Korb, Al-Shewiki, Lang, Hietschold
SP7	Photoelectron spectroscopy at phthalocyanine interfaces	Rückerl
SP7	Molecular orientation of CoPc and CoPcCl <sub>8</sub> : Influence of substrate and substitution	Guo
SP8	Photosensitive organic / inorganic hybrid trench devices for sensor applications	Banerjee
SP9	Local transport properties of phthalocyanine-based nanostructures	Siles
SP9	Organic nanostructure diode based on rolled-up nanomembrane electrodes	Jalil

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