

# 5th Scientific TMS Workshop STM



Physikgebäude, Technische Universität Chemnitz

## Friday, 9 November 2012

09:30 - 10:00	Registration + Posters	
10:00 - 10:15	Welcoming Address	Zahn/Salvan
10:15 - 11:00	Influence of Substrate and Intermolecular Interaction on Self-Assembled Molecular Layers (30 min talk + 15 min discussion)	Smykalla
11:00 - 12:00	Theoretical Insights into Hybrid Organic-Ferromagnetic Interfaces (45 minutes talk + 15 minutes discussion)	Atodiresei
12:00 - 12:45	Properties and Theoretical Aspects of Molecular Spintronic Materials (30 min talk + 15 min discussion)	Hahn
12:45 - 14:15	Lunch + PosterSession	
14:15 - 15:15	Magnetoresistive organic field-effect transistors: Materials and Device Physics (45 minutes talk + 15 minutes discussion)	Saragi
15:15 - 16:00	Laterally stacked Devices fabricated by conventional lithography (30 minutes talk + 15 minutes discussion)	Reuter
16:00 - 16:30	Coffee Break + Poster Session	

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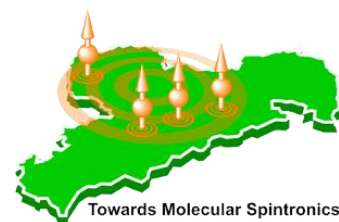
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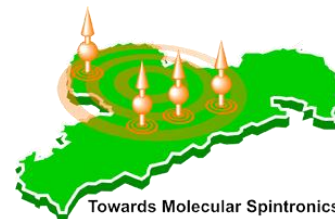
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### Poster Session

SP1	Chemisorption of Exchange-Coupled Complexes on Gold via Ambidentate Coligands	Golecki, Lach, Lungwitz, Fronk, Salvan, Zahn, Park, Krupskaya, Kataev, Klingeler, Bernd Büchner, Mahns, Knupfer, Silez, Schmidt, Grimm, Bof'Bufon, Hess, Reis, Thiel, Breite, Abel, Kersting
SP1	Towards Surface Functionalization with Encapsulated Spin Crossover Compounds	Gruschinski, Kersting
SP1	Synthesis of a Novel Potentially Tetranucleating Macrocyclic Thiophenolate Ligand	Schleife, Kersting
SP2	Synthesis and Investigations on 5,10,15,20-Tetra-(p-Carboxyphenyl)porphyrin	Mende, Lungwitz, Ruffer, Salvan, Zahn, Lang
SP2	Synthesis of Multimetallic High-Spin Complexes	Rühlig, Ruffer, Lang
SP3	Density Functional Investigation of a Phthalocyanine Based Spin Transfer Material	Friedrich, Hahn, Lindner, Knupfer, Kortus
SP3	Master-Equation Approach for Simulating STM Images of Single Molecules	Ludwig, Timm, Hahn, Kortus
SP4	Magnetic properties of Ni – based molecular complexes	Park, Krupskaya, Kataev, Büchner, Klingeler, Steinfeld, Beyer, Lach, Golecki, Lehmann, Gressenbuch, Kersting
SP4	Magnetic properties of Cu-bis(oxamato) complexes	Aliabadi, Petr, Krupskaya, Kataev, Büchner, Abdulmalic, Ruffer
SP5	$^1\text{H-NMR}$ spin-lattice-relaxation in the hetero metallic complex $\{\text{Mn}_2\text{Ni}_3\}$ and iron based spin-clusters dynamics	Günther, Yeche, Gong, Bretschneider, Mäde, Vavilova, Krupskaya, Kataev, Klingeler, Plass, Müller, Meyer, Klaus

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SP6	Scanning tunneling microscopy of self-assembled paramagnetic molecules on gold	Salazar, Baumann, Schlegel, Lach, Kersting, Hess, Büchner
SP7	UPS and IPS Measurements on MnPc	Haidu, Fechner, Mahns, Salvan, Knupfer, Zahn
SP7	Phthalocyanine Dimers in a Blend: Spectroscopic and Theoretical Studies of MnPc+/F16CoPc	Lindner, Mahns, König, Roth, Hahn, Friedrich, Kortus, Knupfer
SP7	A Raman Study of Doping Manganese Phthalocyanine by Potassium Intercalation	Ludemann, Haidu, Mahns, Schäfer, Lehmann, Gordan, Knupfer, Kortus, Zahn
SP8	Magneto-optical characterization of organic transition metal complexes	Lungwitz, Fronk, Mende, Lang, Lach, Kersting, Siles, Schmidt, Salvan, Zahn
SP8	Towards Rolled-up Spintronic Devices - Effect of Water on Permalloy and CoPc Layers	Richter, Navarro Fuentes, Lungwitz, Fronk, Grimm, Schmidt, Zahn, Salvan
SP9	Characterization of the electric and magnetic properties of hybrid molecular systems by means of Cs-AFM	Siles, Rehman Jalil, Grimm, Bof Bufon, Schmidt
SP9	Electrical characterization of molecular SAM/metallic tube hybrid junctions	Navarro Fuentes, Grimm, Bof Bufon, Lach, Kersting, Schmidt

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