

Materialforschungstag Mittelhessen 2010

09. Juli 2010 in Marburg

Posterpräsentationen

	Name, Vorname	Institut	Poster-Titel
1	PD Dr. Jörg Bünemann	Fachbereich Physik PUM AG Vielteilchentheorie	Magnetic Order in the Iron Pnictides
2	Manuel Demper	Fachbereich Physik Exp HL, PUM	Optical measurements of field induced anomalies of the magnetic phase transition in quasi 2D MnS layers grown by MBE
3	Christian Karcher	Fachbereich Physik Exp HL PUM	Disorder in Ga(NAsP)/GaP MQWs
4	Sebastian Friede	Fachbereich Physik Exp HL, PUM	Time resolved measurements of polymer coated quantum dots: A new approach for multi-sensing probes
5	Uwe Kaiser	Fachbereich Physik Exp HL, PUM	Energy-transfer process in ZnS:Mn nanowires
6	P. Gazdzicki	Fachbereich Physik PUM	Methanol reaction pathways on Cu/Ru(0001) and Pt/Ru(0001) bimetallic layers
7	G. Öhl	Fachbereich Physik PUM	FT-IRAS study on the growth and thermal evolution of ultrathin films of PTCDA on Au(111) and Ag(111) surfaces
8	M.Willenbockel	Fachbereich Physik PUM	STM-study on ultrathin Co/Ru(0001) films
9	Jens Herrmann	FB Physik PUM	Cavity design and heat management in Vertical-External-Cavity Surface-Emitting Lasers (VECSELs)
10	Michael Schwalm	FB Physik PUM	Characterization of Solar Cells with High Spatial Resolution
11	Niko Köster	FB Physik PUM	Carrier Dynamics in (GaIn)As/GaAs and Ge/SiGe Multiple Quantum Wells
12	Seikel, Elisabeth	Fachbereich Chemie PUM	Synthesis and Application of Axially Functionalized Phthalocyanines

13	Jan Götzen	FB Physik PUM	Structural evolution and ultrafast charge transfer dynamics of perfluoro-pentacene films on Ag(111)
14	Christian Schmidt	FB Physik PUM	Stability and Structure of benzenethiol-SAMs on Copper and Palladium Surfaces
15	Tobias Breuer	FB Physik PUM	Template induced-ordering of perfluoro-pentacene films
16	Mike Schwarz, Alexander Klös, Benjamin Iniguez	FH Gießen-Friedberg	Closed-Form Model for the Electric Field in Lightly Doped Schottky Barrier Double-Gate MOSFET
17	Stefan Charisse, Ubbo Ricklefs	FH Gießen-Friedberg	Optische Bestimmung der relativen Verschiebung auf zufällig strukturierten Oberflächen
18	Samsonova, Olga	Pharmazeutische Technologie und Biopharmazie, PUM	PDMAEMA-pHEMA as non-viral poly-cationic carrier for gene transfer
19	Pasenow, Bernhard	Fachbereich Physik PUM	Semiconductor theory in wurtzite InGaN quantum wells
20	Bäumner, Ada	Fachbereich Physik PUM	Simulation of two-color operation in semiconductor quantum well lasers
21	Taiyo Yoshioka	Zentrum für Materialwissenschaften	Cyclic contraction of Bombyx-mori silk fibroin nanofibers.
22	Taiyo Yoshioka	Zentrum für Materialwissenschaften	Orientation analysis of individual electrospun PE nanofibers.
23	Andreas Schaper	Zentrum für Materialwissenschaften	Crystal structure of optically active propene-carbon monoxide copolymers.
24	Hühn, Dominik	FB Physik, Philipps Universität Marburg	Light-triggered Heating of Gold Clusters in a Polyelectrolyte Film for Remote Release of Molecules
25	Ochs, Markus	FB Physik, Philipps Universität Marburg	Multiple-analyte sensors based on double-shell polyelectrolyte microcapsules
26	Ganas, Carolin	FB Physik, Philipps Universität Marburg	Loading of Polyelectrolyte Microcapsules for Drug/Gene Delivery
27	Schmachtel, Sebastian	FB Physik, Philipps Universität Marburg	Polymer-coated inorganic Nanoparticles with tunable surface charges

28	Güdde, Jens	Fachbereich Physik PUM	High-Harmonic Generation for Time-Resolved Photoelectron Spectroscopy
29	Klaß, Kristina	Fachbereich Physik PUM	Time-Resolved Investigation of Laser-Induced Diffusion by Second-Harmonic Microscopy
30	Lipponer, Marcus	Fachbereich Physik PUM	Molecular Beam Study of Ethylen Adsorption on the Si(001) Surface
31	Partha P.	FB Chemie, PUM, Anorganische Chemie	CrZn _{~17} - Structural Disorder Phenomena and Physical Properties
32	M. Petrik	FB Chemie, PUM, Anorganische Chemie	Coalescent Grain Growth, Invariant Surface Stoichiometry, Classical Random Ferromagnetism of nc-NiO, as Revealed by Empirical Scaling Laws
33	A. Authmann	FB Chemie, PUM, Anorganische Chemie	Isopiestic Production and Characterization of the Recurring γ Brass-type phases Ir _n Zn _{26-n} (n = 4,6,7)
34	Heine, Johanna	Fachbereich Chemie PUM	Structural diversity of telluridindates
35	Lips, Felicitas	Fachbereich Chemie PUM	Ternary intermetalloid clusters
36	Kaib, Thomas	Fachbereich Chemie PUM	Lithium Chalcogenidotetrelates
37	Rohner, Christian	Institut für Anorganische und Analytische Chemie, Uni Giessen	Bildung und Defekte von Edelmetall-Kolloid-Kristallen
38	Erk, Christoph	Institut für Anorganische und Analytische Chemie, Uni Giessen	Poröse Goldelektroden auf Aluminiumoxid-Membranen - Anwendungen in der Feuchtesensorik
39	Landschreiber, Bernadette	Institut für Anorganische und Analytische Chemie, Uni Giessen	Nanostructuring of Bi _{1-x} Sb _x -alloys für thermoelectric applications
40	Adelhelm, Philipp	Institut für Physikalische Chemie, AG Janek, Uni Giessen	Anisotropic silica monoliths as templates for the synthesis of hierarchically porous carbons and their performance as anode material in lithium ion batteries
41	Röder, Timo	Institut für Physikalische Chemie, AG Janek, Uni Giessen	A Direct Thermoelectric Gas Oxygen Sensor Based on YSZ – First Results of an Entropy Sensor
42	Sann, Kerstin	Institut für Physikalische Chemie, AG Janek, Uni Giessen	Mesostructured Materials in Disperse Electrolytes for Lithium Ion Batteries

43	Huber, Anne-Katrin	Institut für Physikalische Chemie, AG Janek, Uni Giessen	In situ examination of materials degradation phenomena at lanthanum strontium manganate (LSM) model electrodes on yttria stabilized zirconia (YSZ)
44	Von Graberg, Till	Institut für Physikalische Chemie, AG Smarsly, Uni Giessen	Mesoporous ITO thin films: synthesis, characterization and functionalization
45	Suchomski, Christian	Institut für Physikalische Chemie, AG Smarsly, Uni Giessen	Highly Dispersable Metal Oxide Nanoparticles: Formation Mechanism and Assembly into Nanofibers and Mesoporous Materials in Powder and Thin Film Format
46	Schröder, Michael	Institut für Physikalische Chemie, AG Smarsly, Uni Giessen	Electrogeneration of bimodal meso-marcoporous SiO ₂ films
47	Kanzler, Christian	Institut für Physikalische Chemie, AG Over, Uni Giessen	Novel Oxide Nanofibers for Heterogeneous Model Catalysis
48	Schwertfeger, Hartmut	Institut für Organische Chemie, AG Schreiner, Uni Giessen	Diamondoids – The Next Generation Carbon Materials
49	Becker, Pascal	I. Physikalisches Institut, Uni Giessen	Optical properties of GaN/AlGa _N heterostructures in GaN nanowires and application in gas sensing
50	Wallys, Jens	I. Physikalisches Institut, Uni Giessen	Electrochemical analysis of Si- and Mg- doped GaN nanowire electrodes
51	Heinemann, Markus	I. Physikalisches Institut, Uni Giessen	Lattice parameters and Auger recombination rates in ZnMgO
52	Franz, Christian	I. Physikalisches Institut, Uni Giessen	Implementation of the coherent potential approximation for the description of magnetic alloys
53	Bachmann, Michael	I. Physikalisches Institut, Uni Giessen	Modeling thermoelectric properties in layered structures
54	Benz, Julian	I. Physikalisches Institut, Uni Giessen	Fabrication and characterization of heterostructure LEDs based on the material system MgZnO/AlGa _N
55	Homm, Gert	I. Physikalisches Institut, Uni Giessen	Manipulation of the thermoelectric properties of ZnO thin films by artificial structuring
56	Jörg Hennemann	FB Physik - Institut für Angewandte Physik, Uni Giessen	Temperaturstabilität von strukturierten Metalloxiden
57	Arne Christen	FB Physik - Institut für Angewandte Physik, Uni	Brandsensorik bei anorganischen Brandgasen

		Giesen	mit mesoporösen WO ₃
58	Kronenberger, Achim	I. Physikalisches Institut, Uni Giessen	Wasserstoff in ZnO
59	Dietrich, Marc	I. Physikalisches Institut, Uni Giessen	Wasserstoffsensoren
60	Fischer, Martin	I. Physikalisches Institut, Uni Giessen	Photoluminescence studies of top-down structured Zn _{1-x} Mg _x O/ZnO quantum disk samples with different dimensions
61	Hartel, Jan	Institut für Angewandte Physik, Uni Giessen	Preparation and Characterisation of thin Polymeric Films to be used as Gate Dielectrics in Organic Field Effect Transistors
62	Beu, Max	Institut für Angewandte Physik, Uni Giessen	In-situ Characterization of Evaporated Organic Bulk Heterojunctions During Their Film Growth
63	Strauch, Kerstin	Institut für Angewandte Physik, Uni Giessen	Electrodeposition of ZnO for dye-sensitized cells on corrosion-resistive metal wires
64	Zimprich, Martin	WZMW, PUM	Monolithic integration of Ga(NAsP) Laser on Silicon (001) Substrate
65	Fritz, Rafael	WZMW, PUM	Quantitative high angle annular dark field imaging using a scanning transmission electron microscope.
66	Witte, Wiebke	WZMW, PUM	Structure investigation of Pentacene and Perfluoropentacene films with transmission electron microscopy .
67	<u>Marxer Elena</u> & Schäfer, Jens	Fachbereich Pharmazie PUM, Pharm. Tech & Biopharm	Determination of the Interaction between BSA and inorganic particles by atomic force microscopy