

Publikationen 2008

J. Ible, M. Pla-Roca, E. Martinez, and U. Hartmann

PATTERNING OF MAGNETIC NANOBeadS ON SURFACES BY PDMS STAMPS

Langmuir 24, 888 (2008)

G. Radu, D. Mautes and U. Hartmann

NC-AFM STUDY OF LIGAND-COATED Au55 CLUSTERS

Appl. Phys. Lett. 92, 011928 (2008)

K. DIMITROPOULOS , N. GRAMMALIDIS, H. GAO , C. STOCKHAMMER, A. KURZ, P. KIRANE, J. PFISTER, J. PFISTER, TH. HEUER, M. WEINMANN AND U. HARTMANN

AIRFIELD TRAFFIC SURVEILLANCE BASED ON MAGNETIC SIGNAL PROCESSING AND ANALYSIS

IEEE AEROSPACE & ELECTRONICS SYSTEMS 23, 21 (2008)

S. GRIESING, A. ENGLISCH AND U. HARTMANN

REFRACTIVE AND REFLECTIVE BEHAVIOR OF POLYMER PRISMS USED FOR SURFACE PLASMON GUIDANCE

OPT. LETT. 33, 575 (2008)

M. JIRSA, M. RAMES, P. DAS, M. R. KOBLISCHKA, T. WOLF AND U. HARTMANN

PÜINNING PERFORMANCE OF (ND_{0.33}EU_{0.2}GD_{0.47})BA₂CU₃OY SINGLE CRYSTAL
EUCAS 2007 CONF., BRUSSELS, BELGIUM, 2007; JPCS 97, 012191 (2008)

M. R. KOBLISCHKA, J.D. WEI, C. RICHTER, T.H. SULZBACH, AND U. HARTMANN

ADVANCED CANTILEVERS FOR MAGNETIC FORCE MICROSCOPY AND HIGH FREQUENCY MAGNETIC FORCE MICROSCOPY

SCANNING 30, 27 (2008)

S. GETLAWI, M. R. KOBLISCHKA, U. HARTMANN, C. RICHTER, AND T. SULZBACH

PATTERNING OF PERMALLOY THIN FILMS BY MEANS OF ELECTRON-BEAM LITHOGRAPHY AND FOCUSED ION-BEAM MILLING

SUPERLATTICES AND MICROSTRUCTURES **44**, 699 (2008)

M. R. KOBLISCHKA, M. WINTER, P. DAS, U. HARTMANN, A. KOBLISCHKA-VENEVA, AND F. MÜCKLICH

NANOSTRIPES IN $\text{GdBa}_2\text{Cu}_3\text{O}_x$ SUPERCONDUCTORS

PARSEG CONF., CAMBRIDGE, UK, 2007; MAT. SCI. ENG. B **151**, 74 (2008)

A. KOBLISCHKA-VENEVA, M. R. KOBLISCHKA, S. MURPHY, S.K. ARORA, F. MÜCKLICH, AND U. HARTMANN

MICROTEXTURE OF MAGNETITE THIN FILMS OF (001) AND (111) ORIENTATION ON MGO SUBSTRATES STUDIED BY EBSD

PROC. MMM CONF., TAMPA, USA, 2007; J. APPL. PHYS. **103**, 07E505 (2008)

M. R. KOBLISCHKA, M. KIRSCH, M. BRUST, A. KOBLISCHKA-VENEVA, AND U. HARTMANN

PREPARATION OF THIN FERRITE FILMS ON SILICON SUBSTRATES

PROC. SEEHEIM CONF., SEEHEIM, GERMANY, 2007; PHYS. STAT. SOL. (A) **205**, 1783 (2008)

S. GETLAWI, M. THEIS, S. FRIEDRICH, A. KOBLISCHKA-VENEVA, M. R. KOBLISCHKA, M. SAUMER, AND U. HARTMANN

CHARACTERIZATION OF ELECTROPLATED, THICK PERMALLOY FILMS

PROC. SEEHEIM CONF., SEEHEIM, GERMANY, 2007; PHYS. STAT. SOL. (A) **205**, 1809 (2008)

A. KOBLISCHKA-VENEVA, M. R. KOBLISCHKA, F. MÜCKLICH, AND U. HARTMANN

STUDY OF CROSS-SECTION OF MAGNETITE THIN FILMS BY MEANS OF ELECTRON BACKSCATTER DIFFRACTION (EBSD)

PROC. SEEHEIM CONF., SEEHEIM, GERMANY, 2007; PHYS. STAT. SOL. (A) **205**, 1835 (2008)

P. DAS, M. R. KOBLISCHKA, S. TURNER, G. VAN TENDELOO, TH. H. WOLF, M. JIRSA AND U. HARTMANN

DIRECT OBSERVATION OF NANOMETER-SCALE PINNING SITES IN $(\text{Nd}_{0.33}\text{Eu}_{0.20}\text{Gd}_{0.47})\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ SINGLE CRYSTALS

EUROPHYS. LETT. **83**, 37005 (2008)

P. DAS, M. R. KOBLISCHKA, TH. WOLF, P. ADELMANN AND U. HARTMANN

T_C DEPENDENCE OF ENERGY GAP AND ASYMMETRY OF COHERENCE PEAKS IN $\text{NdBa}_2\text{Cu}_3\text{O}_{7-\delta}$

EUROPHYS. LETT. **84**, 47004 (2008)

M. R. KOBLISCHKA, M. WINTER, A. KOBLISCHKA-VENEVA, AND U. HARTMANN

NANOSCALE FLUX PINNING SITES IN HIGH- T_C SUPERCONDUCTORS

INT. J. OF COND. MAT., ADV. MAT. AND SUPERCOND. **6**, 199 (2008) (REPRINTED FROM NO. 174)

P. DAS, M. R. KOBLISCHKA, H. ROSNER, TH. WOLF AND U. HARTMANN

EXCITATION OF A BOSONIC MODE BY TUNNELING INTO A CUPRATE SUPERCONDUCTOR

PHYS. REV. B **78**, 214505 (2008)