

# **Publikationen 2010**

**M. BECKER, M. R. KOBLISCHKA AND U. HARTMANN**

MEASUREMENT OF LEVITATION FORCES OF HIGH-T<sub>C</sub> SUPERCONDUCTORS

*Physics Education* **45**, 42 (2010)

**M. R. KOBLISCHKA, R. PFEIFER, A. CAZACU, R. LAMBERTON AND U. HARTMANN**

HF-MFM IMAGING OF FIELDS FROM PERPENDICULAR WRITE HEADS

*Proc. ICM, Karlsruhe, Germany, 2009; JPCS* **200**, 112004 (2010)

**A. JUNG, H. NATTER, R. HEMPELMANN, S. DIEBELS, M. R. KOBLISCHKA, U. HARTMANN AND E. LACH**

STUDY OF THE MAGNETIC FLUX DENSITY DISTRIBUTION OF NICKEL-COATED ALUMINIUM FOAMS

*Proc. ICM, Karlsruhe, Germany, 2009; J. Phys.: JPCS* **200**, 082011 (2010)

**S. GETLAWI, M. KÖNIG, H. GAO, M. R. KOBLISCHKA AND U. HARTMANN**

PERMALLOY NANOSTRUCTURES FOR MAGNETO-IMPEDANCE MEASUREMENTS

*JPCS* **200**, 072031 (2010)

**M. R. KOBLISCHKA, J.D. WEI, AND U. HARTMANN**

STRAY FIELDS EMANATING FROM LONGITUDINAL HARD DISK WRITER POLES  
MEASURED BY HF-MFM UP TO 2 GHZ

*Proc. JEMS 08 Conf., Dublin, Ireland, 2008; J. Magn. Magn. Mat.* **322**, 1694 (2010)

**A. KOBLISCHKA-VENEVA, M. R. KOBLISCHKA, C.L. TENG, M.P. RYAN, U. HARTMANN AND F. MÜCKLICH**

EBSID ANALYSIS OF ELECTROPLATED MAGNETITE THIN FILMS

*Proc. JEMS 08 Conf., Dublin, Ireland, 2008; J. Magn. Magn. Mat.* **322**, 1235 (2010)

**M. R. KOBELISCHKA, M. KIRSCH, R. PFEIFER, S. GETLAWI, F. RIGATO, J. FONTCUBERTA,  
T. SULZBACH AND U. HARTMANN**

DIFFERENT TYPES OF FERRITE THIN FILMS AS MAGNETIC CANTILEVER  
COATING FOR MAGNETIC FORCE MICROSCOPY

*Proc. JEMS 08 Conf., Dublin, Ireland, 2008; J. Magn. Magn. Mat. 322, 1697 (2010)*

**A. JUNG, H. NATTER, R. HEMPELMANN, S. DIEBELS, M. R. KOBELISCHKA, U.  
HARTMANN AND E. LACH**

ELECTRODEPOSITION OF METALS ON OPEN CELL METALL FOAMS: IMPROVED  
MECHANICAL PROPERTIES

*Proc. ECS Conf., Vienna, 2009; ECS Tansactions 25, 165 (2010)*

**M. R. KOBELISCHKA, A. KOBELISCHKA-VENEVA, M. WICK, L. MITOSERIU AND  
U. HARTMANN**

MICROSTRUCTURE AND PROPERTIES OF BaTiO<sub>3</sub>-(Ni,Zn)Fe<sub>2</sub>O<sub>4</sub> MULTIFERROICS  
*E-MRS Strasbourg, THIN SOLID FILMS 518, 4730 (2010)*

**P. KRONE, D. MAKAROV, A. CATTONI, G. FAINI, A.-M. HAGHIRI-GOSNET I.  
KNITTEL, U. HARTMANN, T. SCHREFL AND M. ALBRECHT**

INVESTIGATION OF THE MAGNETIZATION REVERSAL OF A MAGNETIC DOT  
ARRAY OF CO/PT MULTILAYERS

*Proc. Nano 2010 Conf., Rome, Italy; J Nanopart Res, DOI 10.1007/s11051-010-123-z*

**M.R. KOBELISCHKA, M. WINTER AND U. HARTMANN**

EVIDENCE OF  $\delta T_c$  FLUX PINNING BY MEANS OF NANOSTripes IN SEG HIGH  $T_c$   
SUPERCONDUCTORS

*Eurphys. Lett. 89, 47002 (2010)*

**M.R. KOBELISCHKA AND U. HARTMANN**

DEVELOPMENT OF SPECIFIC CANTILEVERS FOR USE WITH HIGH-FREQUENCY  
MFM

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