

Publikationen 2006

M. R. Koblischka, M. Winter, A. Koblischka-Veneva, and U. Hartmann

NANOSCALE PINNING SITES IN HIGH-T_C SUPERCONDUCTORS in A. V. Narlikar (Ed.), STUDIES OF HIGH-TEMPARATURE SUPERCONDUCTORS

vol. 50, p. 67 ff (Nova Science Publishers, Commack (N.Y.), 2006)

J. Ißle and U. Hartmann

ZELLWACHSTUM UNTER DEM EINFLUSS SCHWÄCHER MAGNETFELDER,
Magazin Forschung 1/2006, 40

M. R. Koblischka and U. Hartmann

HIGH-FREQUENCY MFM IMAGING OF HARD DISK WRITE HEADS AND SOFT MAGNETIC MATERIALS

STM05 Conf., Sapporo, Japan, 2005; Jap. J. Appl. Phys. 45, 2238 (2006)

M. R. Koblischka, M. Winter, A. Hu, M. Murakami, and U. Hartmann

STRIPE AND CRISS-CROSS PATTERNS IN HIGH-TC SUPERCONDUCTORS REVEALED BY AFM AND STM

STM05 Conf., Sapporo, Japan, 2005; Japan; Jap. J. Appl. Phys. 45, 2259 (2006)

K. Dimitropoulos, N. Grammalidis, I. Gragopoulos, H. Gao, Th. Heuer, M. Weinmann, S. Voit, C. Stockhammer, U. Hartmann and N. Pavlidou

DETECTION, TRACKING AND CLASSIFICATION OF VEHICLES AND AIRCRAFT BASED ON MAGNETIC SENSING TECHNOLOGY

Intern. Conf. Intell. Sys., Prague, Czech Republic, 2006; Enformatika: Int. Eng. Comp. Technol. 14, 161 (2006)

M. R. Koblischka, M. Winter, U. Hartmann, A. Koblischka-Veneva, N. Hari Babu, and D. A. Cardwell

AFM ANALYSIS OF MELT-TEXTURED YBCO WITH NANOSCALE INCLUSIONS

7th EUCAS Conf. Vienna, Austria, 2005; JPCS 43, 522 (2006)

M. R. Koblischka, M. Winter, A. Hu, U. Hartmann, and M. Murakami

NANOSCALE STRIPE STRUCTURES IN $\text{SmBa}_2\text{Cu}_3\text{O}_x$ SUPERCONDUCTORS

7th EUCAS Conf. Vienna, Austria, 2005; JPCS 43, 337 (2006)

J. Wolff, Th. Heuer, H. Gao, M. Weinmann, S. Voit and U. Hartmann

PARKING MONITOR SYSTEM BASED ON MAGNETIC FIELD SENSORS

ITSC Conf., Toronto, Canada, 2006; Proc. IEEE ITSC p. 1275 (2006)

C. Stockhammer, H. Gao, Th. Heuer, U. Hartmann, K. Dimitropoulos, N. Grammalidis,

I. Gragopoulos, N. Pavlidou and J. Pfister

ISMAEL – RELIABLE EYES FOR AIR TRAFFIC CONTROLLERS AT AIRPORTS,

ITSC Conf., Toronto, Canada, 2006; Proc. IEEE ITSC p. 510 (2006)

Knittel, J. Wei, Y. Zhou, I.V. Shvets, and U. Hartmann

OBSERVATION OF ANTIFERROMAGNETIC COUPLING IN EPITAXIAL FERRITE

FILMS, *Phys. Rev. B* **74**, 132406 (2006)

K. Dimitropoulos, N. Grammalidis, I. Gragopoulos, N. Pavlidou, T. Heuer, H. Gao, C. Stockhammer and U. Hartmann

NETWORK OF MAGNETIC DETECTORS FOR ENHANCING AIRPORT SAFETY

EWGT Conf. Bari, Italy, 2006; Proc. EWGT 2006, p. 219

J.D. Wei, I. Knittel, Y. Zhou, S. Murphy, F. T. Parker, I.V. Shvets, and U. Hartmann

INFLUENCE OF THE ANTI-PHASE DOMAIN DISTRIBUTION ON THE MAGNETIC
STRUCTRE OF MAGNETITE THIN FILMS

Appl. Phys. Lett. **89**, 122517 (2006)

C. Stockhammer, H. Gao, Th. Heuer, U. Hartmann, K. Dimitropoulos, N. Grammalidis,

I. Gragopoulos, N. Pavlidou and J. Pfister

RELIABLE EYES FOR AIR TRAFFIC CONTROLLERS AT AIRPORTS,

Parliament Magazine **234**, 44 (2006)

A. Hu, M.R. Koblischka, X. Yao, H. Zhou, M. Winter, U. Hartmann, and M. Murakami

RECENT PROGRESS ON COMPOSTIONAL NANOSTripes OF $\text{REBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ($\text{RE}=\text{Sm}, \text{Eu}, \text{Gd}$) SUPERCONDUCTORS

