

V6 Reflectometer

Publications in 2006

Sferrazza, M.; Carelli, C.; Jones, R.A.L.; Young, R.N.

Neutron reflectivity studies of confined polymer/polymer interfaces approaching criticality

Physica B - condensed matter 385-386 (2006), p. 706-708

Meersschaut, J.; L'abbé, C.; Almeida, F. M.; Jiang, J. S.; Pearson, J.; Welp, U.; Gierlings, M.; Maletta, H.; Bader, S. D.;

Hard-axis magnetization behavior and the surface spin-flop transition in antiferromagnetic Fe/Cr(100) superlattices

Phys. Rev. B **73**, (2006) 144428.

Temst, K.; Popova, E.; Loosvelt, H.; Van Bael, M.J.; Brems, S.; Bruynseraede, Y.; Van Haesendonck, C.; Fritzsche, H.; Gierlings, M.; Leunissen, L.H.A.; Jonckheere, R.;

The influence of finite size and shape anisotropy on exchange bias: A study of patterned Co/CoO nanostructures

Journal of Magnetism and Magnetic Materials **304** (2006) 14-18

Rehfeldt, F.; Steitz, R.; Armes, S. P.; von Klitzing, R.; Gast, A. P.; Tanaka, M.;

Reversible Activation of Diblock Copolymer Monolayers at the Interface by pH Modulation (2): Membrane Interactions at the Solid/Liquid Interface

J. Phys. Chem. B. **110** (2006) 9177-9182.

Rehfeldt, F.; Steitz, R.; Armes, S. P.; von Klitzing, R.; Gast, A. P.; Tanaka, M.;

Reversible Activation of Diblock Copolymer Monolayers at the Interface by pH Modulation (1): Lateral Chain Density and Conformation

J. Phys. Chem. B. **110** (2006) 9171-9176.

Ribeiro, P. A., Steitz, R.; Lopis, I. E.; Haas, H.; Souza, N. C.; Oliveira, Jr., O. N.; and Raposo, M.;

Thermal Stability of Poly(o-Methoxyaniline) Layer-by-Layer Films Investigated by Neutron Reflectivity and UV-VIS Spectroscopy

J. Nanosci. Nanotechnol. **6** (2006)1396–1404.