

## V6 Reflectometer

### Publications in 2012

<p><i>Paul, N.; Paul, A.; Steitz, R.; Kreuzer, M.; Lux-Steiner, M. C.,</i> <b>Selective Self Assembly of Glutamate Molecules on Polyelectrolyte Multilayers.</b> Journal of Physical Chemistry B 2012, 116 (15), 4492-4499.</p>
<p><i>Kreuzer, M.; Strobl, M.; Reinhardt, M.; Hemmer, M. C.; Hauß, T.; Dahint, R.; Steitz, R.,</i> <b>Impact of a model synovial fluid on supported lipid membranes.</b> Biochimica et Biophysica Acta (BBA) - Biomembranes 2012, 1818 (11), 2648-2659.</p>
<p><i>Kalisvaart, W. P.; Lubber, E. J.; Poirier, E.; Harrower, C. T.; Teichert, A.; Wallacher, D.; Grimm, N.; Steitz, R.; Fritzsche, H.; Mitlin, D.,</i> <b>Probing the Room Temperature Deuterium Absorption Kinetics in Nanoscale Magnesium Based Hydrogen Storage Multilayers Using Neutron Reflectometry, X-ray Diffraction, and Atomic Force Microscopy.</b> The Journal of Physical Chemistry C 2012, 116 (9), 5868-5880.</p>
<p><i>Demeter, J.; Menéndez, E.; Teichert, A.; Steitz, R.; Paramanik, D.; Van Haesendonck, C.; Vantomme, A.; Temst, K.,</i> <b>Influence of magnetocrystalline anisotropy on the magnetization reversal mechanism in exchange bias Co/CoO bilayers.</b> Solid State Communications 2012, 152 (4), 292-295.</p>
<p><i>Demeter, J.; Menéndez, E.; Schrauwen, A.; Teichert, A.; Steitz, R.; Vandezande, S.; Wildes, A. R.; Vandervorst, W.; Temst, K.; Vantomme, A.,</i> <b>Exchange bias induced by O ion implantation in ferromagnetic thin films.</b> Journal of Physics D: Applied Physics 2012, 45 (40), 405004.</p>
<p><i>Soltwedel, O.; Nestler, P.; Neunnann, H. G.; Passvogel, M.; Kohler, R.; Helm, C. A.,</i> <b>Influence of Polycation (PDADMAC) Weight on Vertical Diffusion within Polyelectrolyte Multilayers during Film Formation and Postpreparation Treatment.</b> Macromolecules 2012, 45 (19), 7995-8004.</p>
<p><i>von Klitzing, R.; Köhler, R.; Chevigny, C.,</i> <b>Neutron Reflectometry at Polyelectrolyte Multilayers.</b> In Multilayer Thin Films, Wiley-VCH Verlag GmbH &amp; Co. KGaA: 2012; pp 219-268.</p>
<p><i>Paul, A.,</i> <b>Grazing incidence polarized neutron scattering in reflection geometry from nanolayered spintronic systems.</b> Pramana-J Phys 2012, 78 (1), 1-58.</p>
<p><i>Kreuzer, M.</i> <b>Solid-supported lipid membranes and their response to varied environmental conditions.</b> Heidelberg, Univ., Diss., 2012.</p>