

# POSTERS

## Session A

### Film Growth, Surface Structure and Nanostructures

- PO-A-01** L. Mino, D. Gianolio, A. Piovano, G. Agostini, M. Truccato, A. Agostino, S. Codato, D. Soldani, G. Martínez-Criado, C. Lamberti  
 *$\mu$ -diffraction and  $\mu$ -fluorescence and  $\mu$ -XAS of compositional graded Multiple Quantum Well Electro-Absorption Modulated Lasers*
- PO-A-02** G. Agostini, E. Groppo, C. Prestipino, F. d'Acapito, S. Bordiga, A. Zecchina, E. M. E. van Kimmenade, P. C. Thüne, J. W. Niemantsverdriet, C. Lamberti  
*In situ ReflEXAFS study of the reactivity of Cr species on the Cr/SiO<sub>2</sub>/Si(100) system*
- PO-A-03** D. Babonneau, D. Lantiat, and S. Camelio  
*Correlated Roughness In Ag/Si<sub>3</sub>N<sub>4</sub> Bilayers Characterized By GISAXS*
- PO-A-04** O. Balmes, R. van Rijn, M. Ackermann, D. Wermeille, A. Resta, Roberto Felici, D. Stoltz and J. Frenken.  
*Structure And Reactivity Of Pd Surfaces During CO Oxidation, Self Sustained Oscillations Studied by SXRD And GISAXS.*
- PO-A-05** C. Boragno, F. Buatier de Mongeot, R. Felici and I. K. Robinson  
*Agglomeration Of Thin Metal Films As Determined By Real-Time GISAXS*
- PO-A-06** N. Bouet, C. Sanborn, E. Anzenberg and K.F. Ludwig  
*In Situ and Real-time Comparative Study of Ga Adsorption/Desorption On Sapphire Surfaces*
- PO-A-07** C. Chambon, A. Coati, M. Sauvage and Y. Garreau  
*Nanofaceting of vicinal Ni surfaces induced by Ag deposit*
- PO-A-08** S. Kewalramani, K. Kim, B. Stripe, G. Evmenenko, G.H.B. Dommett and P. Dutta  
*Epitaxial nucleation of calcite at sulfate surfaces*
- PO-A-09** J.A. Eastman, D.D. Fong, P.H. Fuoss, P.M. Baldo, T.T. Fister, M. Highland  
*In-Situ Synchrotron X-Ray Studies Of Atomic Layer Deposition Of ZrO<sub>2</sub> And ZnO*
- PO-A-10** A. Faivre, C. Levelut, S. Peugeot, R. Leparc  
*Structural Changes Induced By Ionic Implantation As Observed By Gi-SAXS*
- PO-A-11** F. Golks, K. Krug, D. Kaminski, J. Stettner, O. M. Magnussen  
*In Situ Surface X-Ray Diffraction Studies of Electrodeposition on Cu(100) in HCl and H<sub>2</sub>SO<sub>4</sub>*

- PO-A-12** N. Hrauda, J.J. Zhang, M. Stoffel, J. Stangl, G. Bauer, A. Rehman-Khan, V. Holý, O.G. Schmidt, V. Jovanovic and L.K. Nanver  
*X-ray Diffraction Study of the Composition and Strain Fields In Buried SiGe Islands*
- PO-A-13** A. Henschel, T. Hofmann, K. Knorr, and P. Huber  
*Crystallization Kinetics Dictates the Molecular Arrangement in Nanochannels*
- PO-A-14** Hyun Hwi Lee and Dong-Ryeol Lee  
*Texture evolution of ZnO nano-rods on c-sapphire substrates at initial growth stage*
- PO-A-15** H.Y. Lee, and H.J. Liu  
*Structural studies of sputter-deposited La<sub>2</sub>/3Sr<sub>1</sub>/3MnO<sub>3</sub>/LaNiO<sub>3</sub> artificial superlattices films*
- PO-A-16** V. M. Kaganer, B. Jenichen, R. Shayduk, and W. Braun  
*Initial Stages of Fe<sub>3</sub>Si growth on GaAs(001): in situ real time x-ray diffraction study*
- PO-A-17** N. Khorshidi, C. Ellinger, V. Vonk, A. Stierle, and H. Dosch  
*Structure of The Rutile TiO<sub>2</sub>-(011) surface*

### *Soft condensed Matter and Liquids*

- PO-A-18** W. Béziel, S. Al Akhrass, G. Reiter, V.R. Ostaci, E. Drockenmuller and M. Sferazza  
*Unexpected Behaviour For Autophobic Dewetting Phenomenon Of Thin Film*
- PO-A-19** F. Bouanani, D. Bendedouch, J. Teixeira, L. Marx and P. Hemery  
*SANS contrast variation study of a cyclosiloxane Miniemulsion*
- PO-A-20** J. Andrew, B. Lin and I. Kuzmenko  
*2007 School for Liquid Surface X-ray Scattering: Theory and Experimental Methods*
- PO-A-21** M. Meron, J. Gebhardt, P. J. Viccaro, and B. Lin  
*Following Transient Phases at the Air/Water Interface*
- PO-A-22** L. Boewer, F. Lehmkuehler, M. Paulus and M. Tolan  
*Adsorption Isotherms And Wetting Transitions Measured By X-Ray Reflectivity*
- PO-A-23** E. Buhler, S. J. Candau , J. Schmidt , Y. Talmon , E. Kolomiets and J.M. Lehn  
*Fibrillar structure of self-assemblies formed from heterocomplementary monomers linked through sextuple hydrogen-bonding arrays: A SANS study*
- PO-A-24** M.D. Alba, M.A. Castro, S.M. Clarke, C. Millán, S. Medina and A.C. Perdigón  
*Preferential adsorption from binary mixtures of alkanes and alcohols: the decane-heptanol system*
- PO-A-25** J.A. Chaker, K. Dahmouche, V. Briois, C.V. Santilli, S.H. Pulcinelli, and P. Judeinstein  
*EXAFS-RAMAN investigations of ionic transport on potassium doped SILOXANE-PPO hybrid*
- PO-A-26** J. Daillant  
*Nanoparticles at the water/oil Interface: Organization, emulsion Stabilization and synthesis*

- PO-A-27** M.C. Fauré, L. Bardin, P. Fontaine, E. Filipe, M.P. Krafft and M. Goldmann  
*Highly Organized Semifluorinated Alkane Monolayer*
- PO-A-28** E. Fuchsberger, T. Balmer, D.K. Satapathy, K. Nygard, M. Heuberger, O. Bunk and J.F. van der Veen  
*Layering of a Molecular Fluid Confined by Parallel Plates at Nanometer Distance*
- PO-A-29** L. Girard, O. Spalla, D. Novikov and J. Daillant  
*Probing ion distribution profiles at the silica-water interface using x-ray standing waves*
- PO-A-30** M.C. Fauré, P. Fontaine, E. Lacaze, S. Rémita and M. Goldmann  
*X-ray surface radiolysis : a new way to obtain a metal-organic interface*
- PO-A-31** Y. Corvis, N. Jouault, F. Cousin, J. Jestin, J. Gummel, L. Barré  
*Asphaltene adsorption and deposition mechanisms probed at the local scale under static and dynamic conditions: a new opportunity of neutron in-situ rheo-reflectivity measurements.*
- PO-A-32** B. Jean, F. Dubreuil, L. Heux and F. Cousin  
*Structural Details of Cellulose Nanocrystals/Polyelectrolytes Multilayers Probed by Neutron Reflectivity and AFM*
- PO-A-33** J. Jalassi, H. Castricum, M.C. Bellissent-Funel, J.C. Dore, J.B.W. Webber, R. Dorbez-Sridi and I. Bako  
*Studies of water and ice in hydrophilic and hydrophobic mesoporous silicas : Structure, Pore characterisation and phase transformations*
- PO-A-34** D.R. Lee and C.J. Yu  
*Evidence of a liquid-to-layered transition when interface and surface regions overlap in thin liquid films*

### *New facilities*

- PO-A-35** C.L. Nicklin, T. Arnold, M.H. Burt, J.L. Rawle and U.H. Wagner  
*I07: A new Diamond beamline for surface x-ray scattering*
- PO-A-36** P. Fontaine, G. Ciatto, N. Aubert, P. Feret, T. Moreno, M. Goldmann, H. Renevier and J.M. Tonnerre  
*Sirius: a beamline for soft and hard condensed matter interfaces studies in the tender X-ray*
- PO-A-37** A. Coati, B. Voisin, T. Moreno, M. Ribbens, M. Sauvage-Simkin and Y. Garreau  
*SIXS : A New Beamline For Surfaces And Interfaces Structural Studies At SOLEIL*
- PO-A-38** G. Fragneto, R. Cubitt, R. Campbell and I. Sutton  
*FIGARO: the new ILL reflectometer*
- PO-A-39** J.R.P. Webster and S.A. Holt  
*INTER Reflectometer At ISIS*
- PO-A-40** R. Kampmann, M. Haese-Seiller, J.F. Moulin, B. Nickel, P. Müller-Buschbaum, C. Papadakis, E. Sackmann, J. Rädler, and A. Schreyer  
*Performance of the Horizontal ToF-Neutron Reflectometer REFSANS at FRM II Munich*
- PO-A-41** J.S. Lee, K.Y. Kim, K.H. Lee  
*The Development of PNR Technique at HANARO*

- PO-A-42** J.F. Moulin, R. Kampmann, M.H. Seiller, B. Nickel and A. Schreyer  
*REFSANS, a Versatile TOF Neutron Reflectometer for Surface Sciences*
- PO-A-43** F. Ott and A. Menelle  
*High intensity white beam specular neutron reflectometers*
- PO-A-44** A. Rühm, M. Nülle, F. Maye, M. Major, J. Major, and H. Dosch  
*The Neutron/X-Ray Contrast and Spin-Echo Reflectometer N-REX+ at FRM II: Present Status and Future Perspectives*
- PO-A-45** O. H. Seeck  
*The High Resolution Diffraction Beamline at PETRA III for Surface Science Applications*
- PO-A-46** U. Tietze, D. Lott, D. Solina and A. Schreyer  
*NeRo and PNR – The Neutron Reflectometers At GeNF*

## Coherence

- PO-A-47** A. Duri, T. Autenrieth, L.M. Stadler, O. Leupold, Y. Chuskin, G. Grübel and C. Gutt  
*The Surface Glass Transition of a Colloidal Suspension Studied by XPCS*
- PO-A-48** S. Song, W. Cha, H. Lee, X. Li, Z. Jiang, S. Narayanan, A. Ruehm, S.K. Sinha and H. Kim  
*Structure and Surface Dynamics of Segregation in Thin Diblock Copolymer Films*
- PO-A-49** D. Liang, M. Mukhopadhyay, S. Narayanan, S.B. Darling, L.B. Lurio and J. Lal  
*Kinetics of Dewetting at the Polymer-Polymer Interface in Thin Bilayer Films*
- PO-A-50** K. Nygård, D.K. Satapathy, O. Bunk, F. Pfeiffer, C. David and J. Friso van der Veena  
*Structure Determination Of Confined Fluids By Holographic X-ray Diffraction*
- PO-A-51** T.P. Sant, T. Panzner and U. Pietsch  
*Reconstruction of Surface Profile from X-ray Speckle Data*
- PO-A-52** M. Sikorski, C. Gutt, I. Sergueev, Y. Chushkin and H. Franz  
*The Glass Transition At A Free Surface*
- PO-A-53** I.A. Vartaniants, A.V. Zozulya, O.M. Yefanov, K. Mundboth, J. Stangl, C. Mocuta, T.H. Metzger, G. Bauer, T. Boeck, and M. Schmidbauer  
*Coherent GISAXS Studies of Nano Structures*

## Magnetism

- PO-A-54** J. Fenske, D. Lott, G.J. Mankey, K. Schmalzl, W. Schmidt, F. Klose, E. Tartakowskaya and A. Schreyer  
*Investigation Of The Magnetic Behavior Of Thin Fe<sub>50</sub>Pt<sub>50</sub>-xRh<sub>x</sub> Films By Neutron Diffraction*
- PO-A-55** S. Grenier, J. M. Tonnerre and J. Chakhalian  
*Resonant X-ray Reflectivity for Correlated Interfaces*
- PO-A-56** A. Grünwald, E. Tartakovskaya, A. Wildes, W. Schmidt, K. Theis-Bröhl, R. Ward, P. Link and A. Schreyer  
*Magnetic Excitations In Rare-Earth Superlattices Studied With Inelastic Neutron Scattering*

- PO-A-57** S.V. Kozhevnikov, F. Ott, E. Kentzinger, A. Paul and L. Rosta  
*Off-Specular Scattering From Neutron Waveguides*
- PO-A-58** W. Kreuzpaintner, R. Kampmann, J. F. Moulin, M. Haese-Seiller, D. Lott and A. Schreyer  
*GISANS-Measurements on Gd-Nanowires*
- PO-A-59** D. Lott, F. Klose, H. Ambaye, G.J. Mankey, P. Mani, M. Wolff, A. Schreyer, H.M. Christen and B.C. Sales  
*Chemical Order-Induced Magnetic Exchange Bias*
- PO-A-60** S. Matzen, A.V. Ramos, J.B. Moussy, M.J. Guittet, F. Ott, P. Bonville, M. Viret, P. Bayle-Guillemaud, C. Gatel, B. Warot-Fonrose and E. Snoeck  
*Polarized Neutron Reflectometry In Epitaxial CoFe<sub>2</sub>O<sub>4</sub>(111)/Fe<sub>3</sub>O<sub>4</sub>(111) Bilayers*
- PO-A-61** S.A. Pauli, M. Björck, C.M. Schlepütz, D. Martoccia, S. Thiel, C.W. Schneider, J. Mannhart, and P.R. Willmott  
*Sub-Angstrom Resolved Atomic Structure of the Conducting Interface between LaAlO<sub>3</sub> and SrTiO<sub>3</sub>*
- PO-A-62** I.Popa, C. Quiros, O. Robach, D. Wermeille, R. Felici and S. Ferrer  
*Origin Of The Perpendicular Magnetic Anisotropy Of Ultra-thin Films Grown On Pt(001) Surface*
- PO-A-63** F.A. Brüßing, M. Wolff, B.P. Toperverg, H. Zabel and K. Theis-Bröhl  
*Highly Ordered Spin-State in an Epitaxial Spin-Valve as Observed by Polarized Neutron Reflectometry*
- PO-A-64** K. Theis-Bröhl, M. Wolff, B.P. Toperverg, C.D. Dewhurst, I. Ennen, B. Vogel and A. Hütten  
*Study of the Self-Ordering of Cobalt Nanoparticles by PNR and Polarized SANS and GISANS*