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Structure and domain formation in ferroelectric thin films

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List of Publications

- * D. Rubi D, A.H.G. Vlooswijk and B. Noheda, *Growth of flat SrRuO₃ (111) thin films suitable as bottom electrodes in heterostructures*, Thin Solid Films **517**(6), 1904-1907 (30-01-2009).
- * S. Venkatesan, A. Vlooswijk, B.J. Kooi, A. Morelli, G. Palasantzas, J.T.M. De Hosson and B. Noheda, *Monodomain strained ferroelectric PbTiO₃ thin films: Phase transition and critical thickness study*, Physical Review B **78**(10), 104112 (09-2008).
- * G. Catalan, A.H.G. Vlooswijk, A. Janssens, G. Rispens, S. Redfern, G. Rijnders, D.H.A. Blank and B. Noheda, *X-ray diffraction of ferroelectric nanodomains in PbTiO₃ thin films*, Integrated Ferroelectrics **92**, pp.18-29 (2007).
- * S. Venkatesan, B.J. Kooi, J.T.M. De Hosson, A.H.G. Vlooswijk and B. Noheda, *Substrate influence on the shape of domains in epitaxial PbTiO₃ thin films*, Journal of Applied Physics **102**(10), 104105 (15-11-2007).
- * A.H.G. Vlooswijk, B. Noheda, G. Catalan, A. Janssens, B. Barcones, G. Rijnders, D.H.A. Blank, S. Venkatesan, B. Kooi and J.T.M. De Hosson, *Smallest 90 degrees domains in epitaxial ferroelectric films*, Applied Physics Letters, **91**(11), 112901 (10-09-2007).
- * W. van Zoelen, A.H.G. Vlooswijk, A. Ferri, A.-M. Andringa, B. Noheda and G. ten Brinke, *Ordered arrays of ferroelectric nanoparticles by pulsed laser deposition on PS-*b*-P4VP(PDP) supramolecules-based templates*, submitted to ACS Nano.
- * A.H.G. Vlooswijk, G. Catalan, B. Noheda, E. Snoeck, J.A. Janssens, G. Rijnders and D.H.A. Blank, *Strain gradients in thin films of ferroelectric PbTiO₃*, to be submitted.

