

University of Groningen

Structure and domain formation in ferroelectric thin films

Vlooswijk, Ard H.G.

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:
2009

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Vlooswijk, A. H. G. (2009). *Structure and domain formation in ferroelectric thin films*. [Thesis fully internal (DIV), University of Groningen]. [s.n.].

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

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.

