Multiferroic perovskites under epitaxial strain

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List of publications

1. C.J.M. Daumont, D. Mannix, S. Venkatesan, D. Rubi, G. Catalan, B.J. Kooi, J.Th.M. De Hosson and B. Noheda, Epitaxial $TbMnO_3$ thin films on $SrTiO_3$ substrates: A structural study, J. Phys.: Condens. Matter **21** N^o 18 (2009) 182001.

2. D. Rubi, C. de Graaf, C.J.M. Daumont, D. Mannix, R. Broer and B. Noheda, Ferromagnetism and increased ionicity in epitaxially grown $TbMnO_3$ films, Phys. Rev. B **79**, 014416 (2009).

3. S. Venkatesan, C.J.M. Daumont, B.J. Kooi, B. Noheda and J.Th.M. De Hosson, Evolution of nanodomain structures and strain relaxation in thin films of the multiferroic $TbMnO_3$: A transmission electron microscopy study. Submitted.

4. C.J.M. Daumont, S. Venkatesan, B.J. Kooi, G. Catalan, J.Th.M. De Hosson, J.F. Scott and B. Noheda, Ferromagnetic domain walls in $TbMnO_3$ thin films. In preparation.

5. C.J.M. Daumont, A. Ferri, S. Faroshkipoor and B. Noheda, Characterizing ferroelectric rotation states in $BiFeO_3$. To be submitted.