

Supplementary Information for

Tuning the local frictional and electrostatic responses of nanostructured SrTiO₃ -surfaces by self-assembled molecular monolayers

Markos Paradinas, Luis Garzón, Florencio Sánchez, Romain Bachelet, David B. Amabilino, Josep Fontcuberta and Carmen Ocal*

*To whom correspondence should be addressed. E-mail: cocal@icmab.es

This pdf file includes:

Figure SI

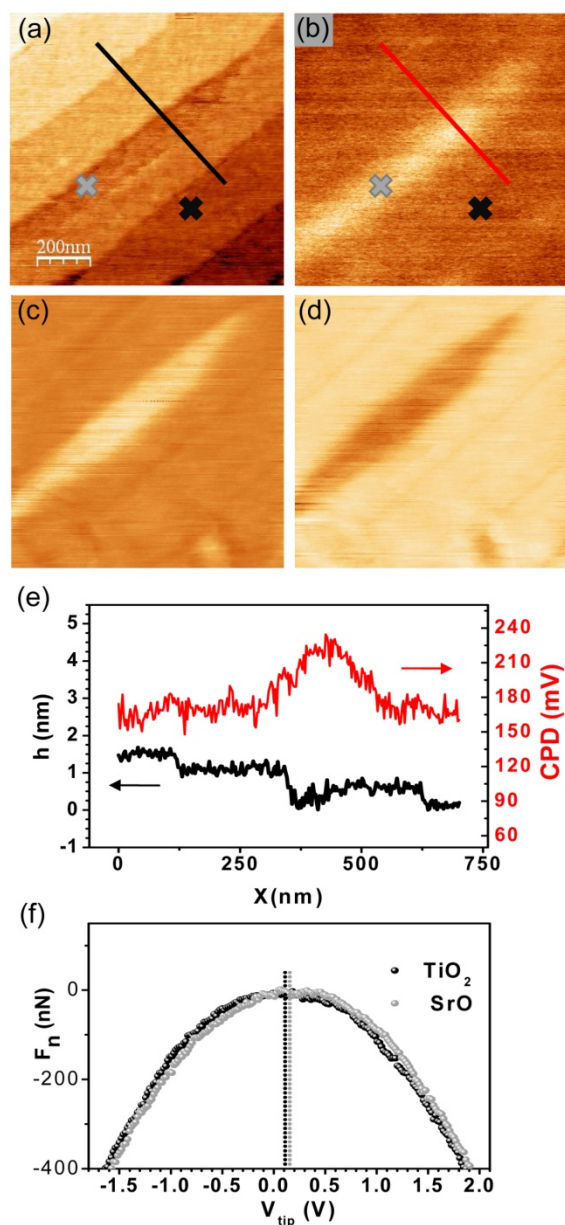


Figure SI

Topography (a), surface potential (CPD) (b), lateral force forward (c) and lateral force backward (d) images simultaneously acquired for a nanostructured SrTiO_3 substrate as that of Fig. 1c in the manuscript. A line profile and the corresponding CPD signal are depicted in (e). Electrostatic force parabolas (f) obtained with the 3D approach on specific point locations (cross-marked points in the figure). The darker regions in all images correspond to the lower values of the corresponding magnitude.