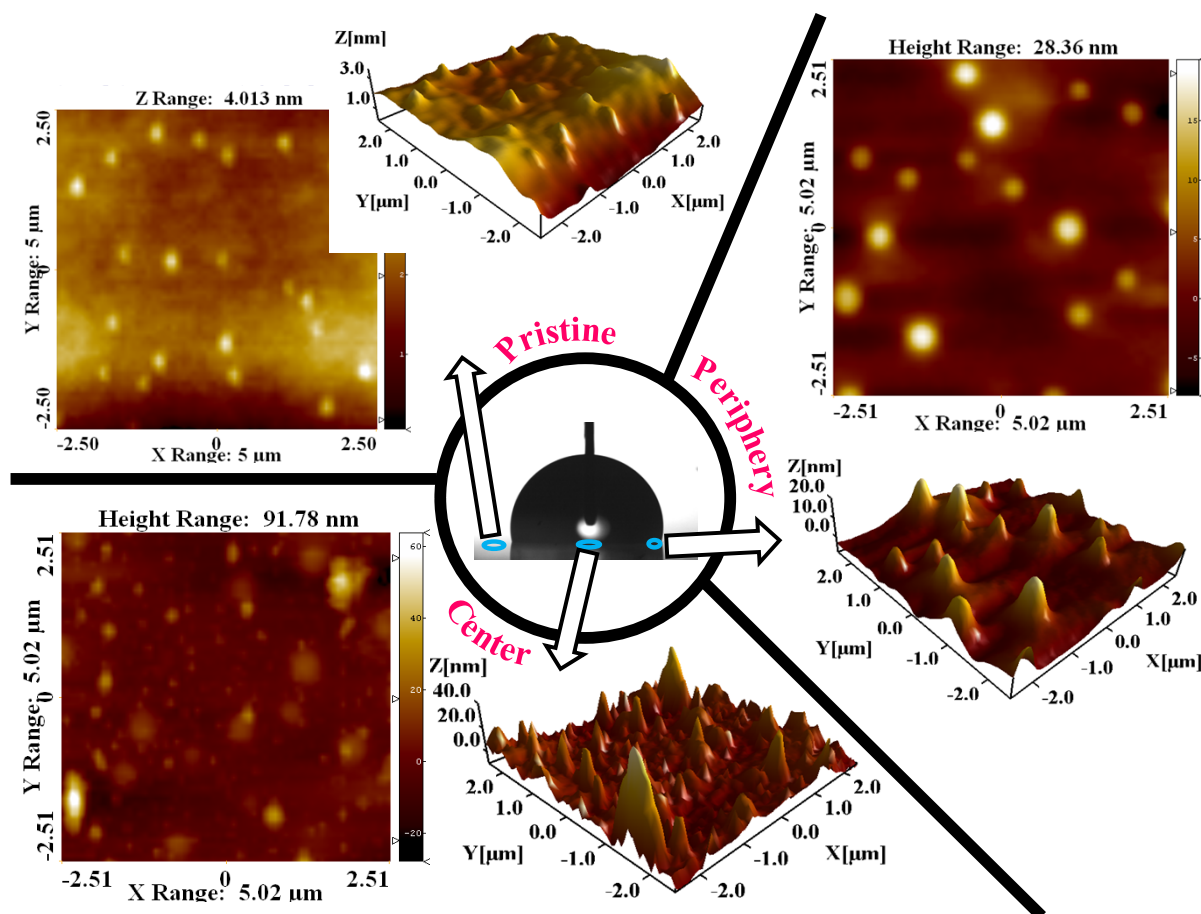


S2: AFM morphology of the PS surface pristine and electrowetted in ambient air.



AFM micrograph shows the pristine polystyrene surface and electrowetted surface in ambient *air* for five voltage cycle. Images from two different droplet-contact positions mainly at the drop-center and drop-peripheral are clearly indicated by bold arrows.