## Supplementary

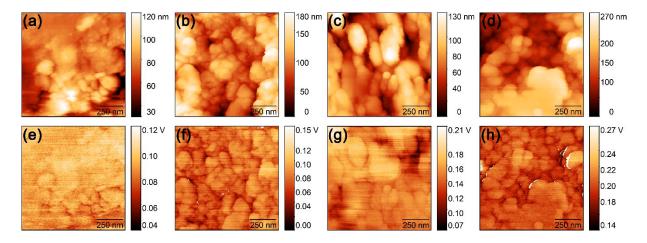


Figure s1. (a)-(d) Topography and (e)-(h) surface potential of La<sub>1-x</sub>Nd<sub>x</sub>FeO<sub>3</sub> in dependence of Nd doping degree. (a), (e) 0.5%; (b), (f) 1%; (c), (g) 5%; (d),(h) 10%.