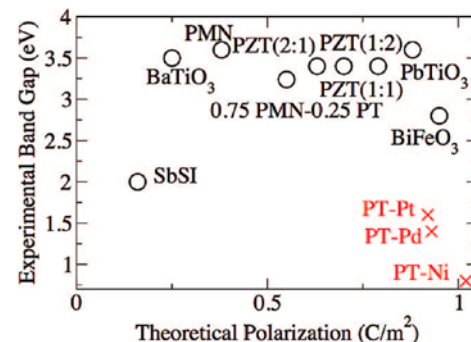


Understanding the origins of piezoelectricity

*Nature* **419**, 909-911 (2002).

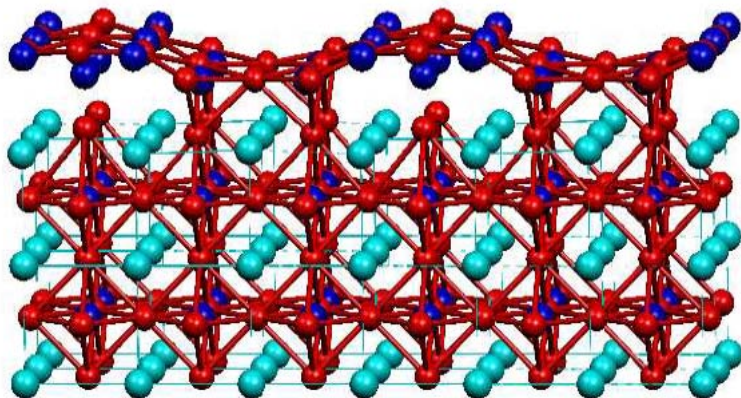
New SONAR materials, relaxors **ONR**



Inventing semiconducting ferroelectrics for solar

*J. Am. Chem. Soc.* **130**, 17409-12 (2008).

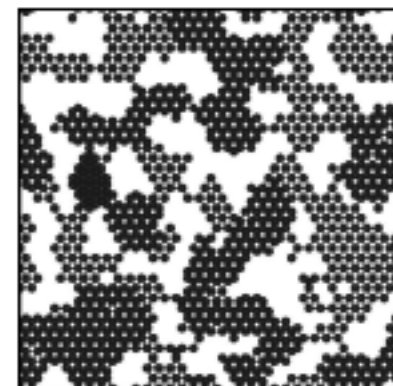
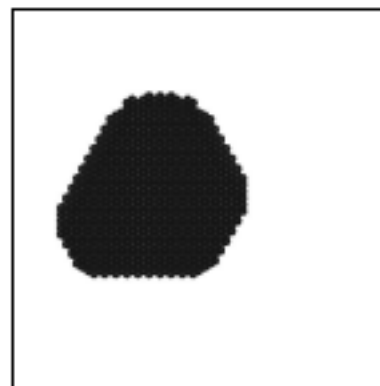
Physics of bulk photovoltaic effect **DOE TCMP**



Nonstoichiometric oxide surfaces

*Phys. Rev. Lett.* **101**, 036102 (1-4) (2008).

water splitting catalysis **AFOSR**



Oxide termination controls supported metal

*Phys. Rev. Lett.* **107**, 076102 (1-5) (2011).

Heterogeneous catalysis **DOE catalysis**