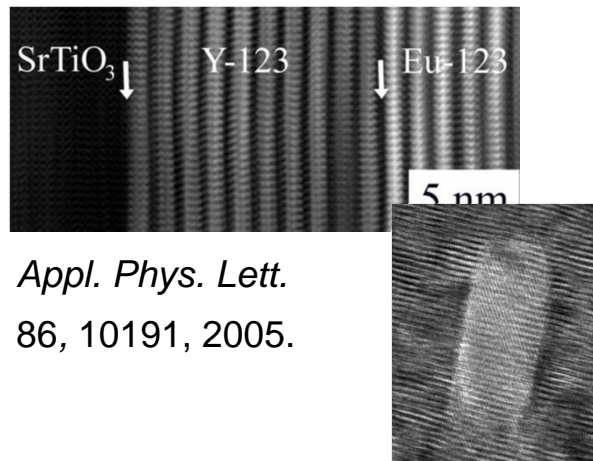




Nanostructured Ceramic Thin Films

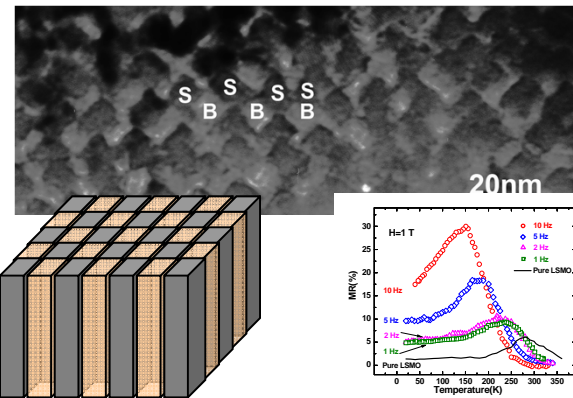
Haiyan Wang (Texas A&M University), DMR-Award # 1007969

Materials World Network: Novel Interface and Strain Control in Epitaxial Nanocomposite Films

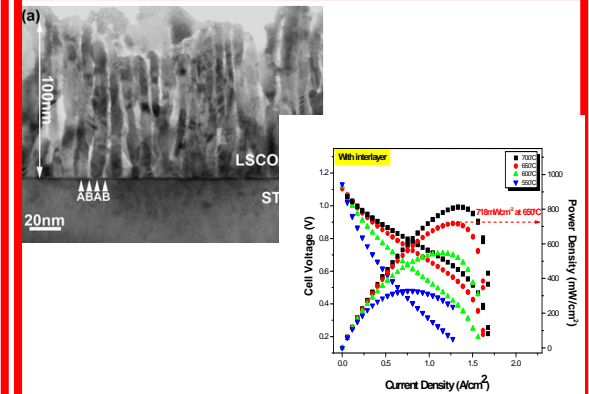


Appl. Phys. Lett.
86, 10191, 2005.

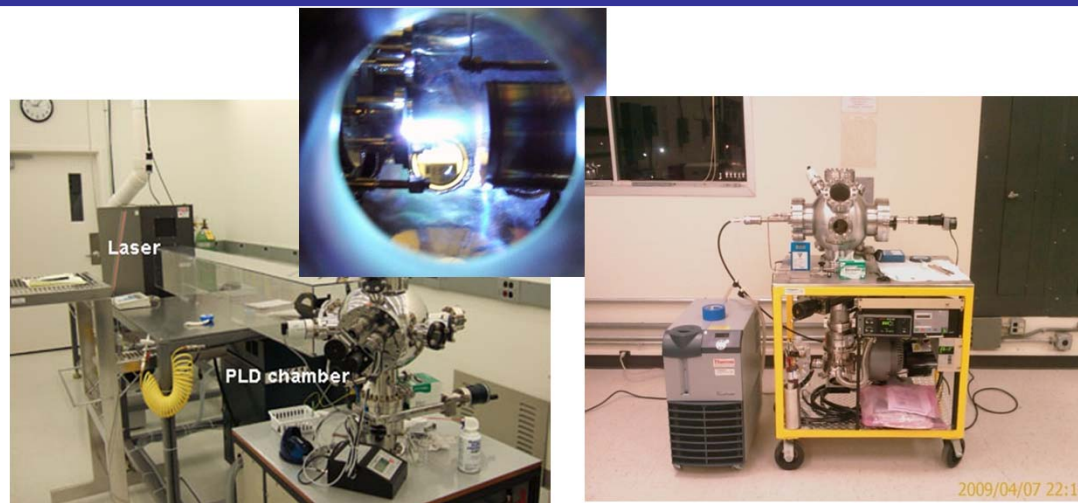
Nanostructured superconductors



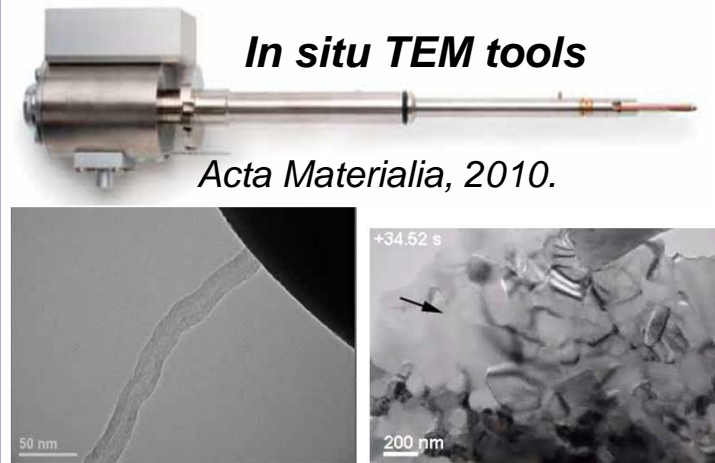
Nature Materials, 7, 314-320, 2008.
Vertical Aligned Nanocomposite Multifunctional nanocomposites



Advanced Functional Materials, 19, 1, 2009.
Thin Film Solid oxide fuel cells



Processing (PLD, sputtering and solution process)



In situ TEM tools

Acta Materialia, 2010.

Nanostructured characterizations