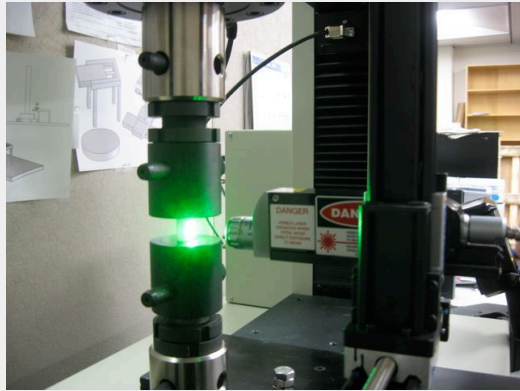
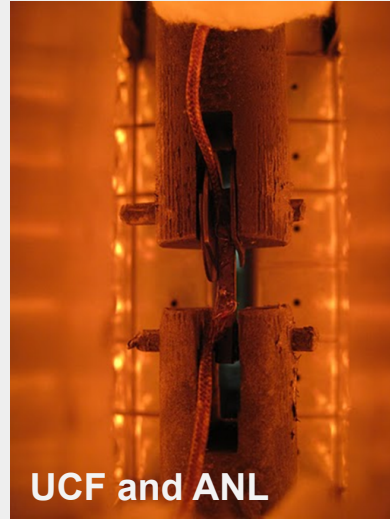


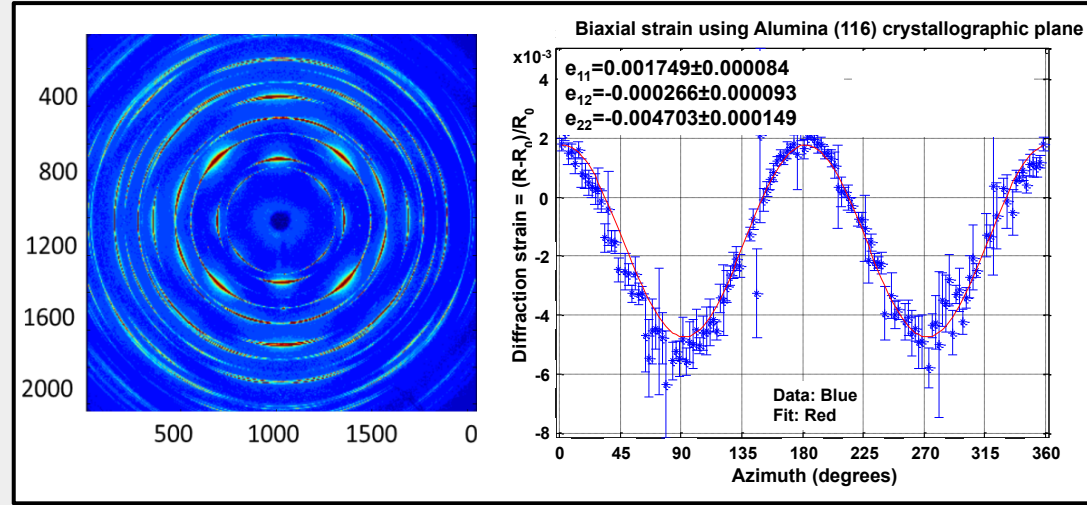
Goal: Enhance durability through in situ characterization in realistic environments



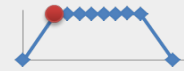
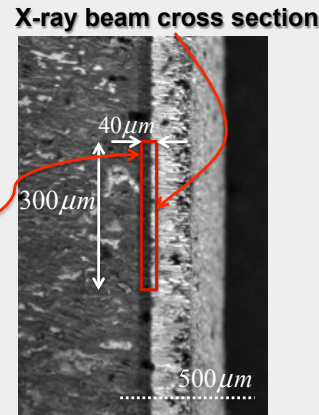
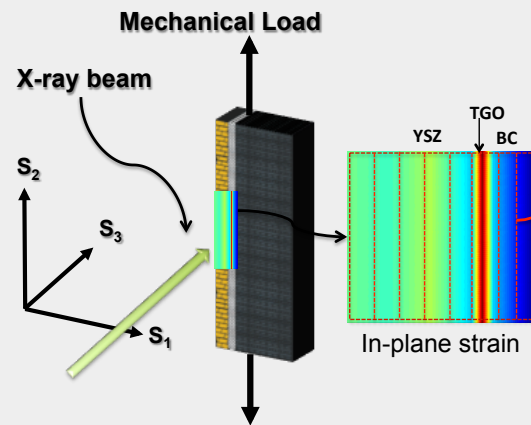
Fiber optic probe coupled with electromechanical testing system at UCF for Piezo-spectroscopic studies



UCF and ANL



Synchrotron x-rays: high resolution strains in a thermo-mechanical environment



In Plane Strain for the High Temp Point

