

**Space Science Seminar**  
**Friday, 2014 March 14 2:00pm**  
**NSSTC/2096**

**Recent Developments in Adaptive X-ray Optics at  
AOA-Xinetics**

Dr. Allan Wirth/AOA-Xinetics

AOA-Xinetics has been developing techniques for shaping grazing incidence optics with surface-normal and surface-parallel electrostrictive Lead magnesium niobate (PMN) actuators bonded to mirror substrates for several years. These actuators are highly reliable; exhibit little to no hysteresis, aging or creep; and can be closely spaced to correct low and mid-spatial frequency errors in a compact package. In this presentation we will discuss recent development of adaptive x-ray optics at AOA-Xinetics.

<http://solarscience.msfc.nasa.gov/SpaceScienceSeminars.html>