

PHYSICS & ASTRONOMY SEMINAR

“Thermoluminescence and XRD of Fe and Ni Oxides”

Presented by:
Ian Jeanis

Abstract: Thermoluminescence is a luminescence technique that can be used to determine the activation energy of a trap within a material. The process uses heat to essentially cause the material to reemit captured energy as a photon. We are studying both Fe and Ni oxides to understand the defects within the materials. We are also looking at the XRD to understand what types of lattice our materials have and see if this has an impact on the defects in the material. I will also explore future goals of the project.

Thursday, March 4th, 2021
4:00 pm

PSLB 112