



**Udaipur Solar Observatory/ Physical Research Laboratory**

**P.Box.No 198, Dewali, Badi Road, Udaipur-313001**

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## **SEMINAR**

### **Introduction to Polarimetry**

**(Alok Ranjan Tiwary, USO/PRL)**

Spectro-polarimetry analyzes light as a function of its two most important characteristics: wavelength and state of polarization and is a powerful tool for measuring the magnetic field on the Sun. The observational aim of solar spectro-polarimetry is to record the Stokes vector as accurately as possible with highest spectral, spatial and temporal resolution. A Polarimeter is being developed at USO for measuring the vector magnetic field in the solar atmosphere at two different heights, and it will be used with the newly installed MAST.

**Date:** Aug 06, 2015

**Time:** 11:00 hrs

**Venue:** USO Seminar Hall