

**TATA INSTITUTE OF FUNDAMENTAL RESEARCH**  
***DEPARTMENT OF ASTRONOMY & ASTROPHYSICS***

***SPECIAL ASTRONOMY SEMINAR***

January 10, 2011

Speaker : Prof. David Buckley  
South African Astronomical Observatory.

Title : The Southern African Large Telescope (SALT)

When : January 21, 2011 (Friday) at 11.30 hrs

Where : TAP Seminar Room (A269)

(A. Gopakumar)

***ABSTRACT***

*The 11-meter Southern African Large Telescope (SALT) is currently the largest single aperture optical-IR telescope in the southern hemisphere and is currently undergoing recommissioning following a protracted period of optical engineering work. This talk will describe its unusual telescope design, the construction of the telescope, and the capabilities of the first generation instruments. It will focus on the ability to undertake time resolved studies, particularly high time resolution observations, and discuss some of the other rarely exploited (to date) observational modes. Examples of some early science will also be presented.*