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Invitation

Special Colloquium

Alexei Kniazev

(SAAO, Cape Town):

“Spectroscopy of H II Regions and Planetary Nebulae in Nearby Galaxies with SALT”

on Thursday, March 27th, 2008, 3.30 p.m.

in the Seminarraum of the Astronomisches Rechen-Institut

E. Grebel

Abstract:

The Southern African Large Telescope (SALT) was completed in 2005 and began initial scientific operations in August of that year. Built in just under 6 years and on budget (USD 19.7M), SALT has been a good example of a successfully managed telescope project where systems engineering disciplines were applied to good effect. I will briefly review SALT's specifications and both SALT instruments: The UV-visible imager SALTICAM and the Robert Stobie Spectrograph (RSS). I will present our results of a study of HII regions and planetary nebulae in nearby galaxies that were taken with SALT during its performance-verification phase.