



LOUIS TRICHARDT HIGH SCHOOL

STAR PARTY

JOIN SOUTPANSBERG ASTRONOMY AT THE END OF NATIONAL SCIENCE WEEK AT LOUIS TRICHARDT HIGH SCHOOL. THE EVENT WILL BE HOSTED AT THE SCHOOL'S RUGBY FIELD FROM 5PM ONWARDS

DATE: 13 AUGUST 2010 **TIME:** FROM 17:00 onwards **VENUE:**
LOUIS TRICHARDT HIGH SCHOOL'S RUGBY FIELD

WHAT TO BRING: Dress warmly, jacket, beanie and a scarf. Bring a blanket or chair to sit on, picnic basket and don't forget your binoculars.
Those of you with telescopes, bring them along!

ACTIVITIES FOR THE EVENING:

VIEWING FOUR OF THE FIVE NAKED EYE PLANETS: Mercury, Venus, Saturn and Mars.

LOOKING AT VARIOUS STELLAR & DEEP SKY OBJECTS SUCH AS: Some of the constellations & their mythology, open and globular clusters, various nebulae and galaxies, including Centaurus A, 11 million light years away.

BUILDING OF STAR WHEELS AND MOONSCOPES: Bring the kids and build Southern Star Wheels and Moonscopes.

ASTRONOMY DISPLAY including a poster display of fossil history with a South African flavour.

The **FOTON AstroCam** will be in action attached to a 8" Meade LX90 as well as a 10" Meade LXD 55. Both telescopes are fully computerised with "GO TO" capabilities projecting real time images on a big screen.



In the image above the region around the star [Eta Carinae](#) 8000 light years away is visible and is a must to see in any size telescope. Weighing in at 100 solar masses and more, 5 million times as bright as our Sun, the star is so massive that if it were placed in our Solar System it would extend beyond the orbit of Jupiter. The famous Keyhole Nebula, a dark zone seen near the star, is prominent when viewed through a telescope. Light from the nebula has taken 8000 years to get to us.

Contact Kos Coronaios on 079 148 4934 for more information