



SCOPEX 2006 - EVENT SCHEDULE

last updated 20 April

TIME	AUDITORIUM	DELVILLE WOOD ROOM	EXPERILAB TENT
9:00			Model Rocket Workshop <i>by Experilab</i> <i>(To book - see Note 2 below)</i>
9:30	Spectacle of Light – A journey through the electro-magnetic spectrum <i>By Tony & Denise Voorvelt & Barry Myers</i>		Model Rocket Workshop <i>continues ...</i>
10:30	Spectacle of Light – A journey through the electro-magnetic spectrum <i>By Tony & Denise Voorvelt & Barry Myers</i>	Telescope Making Overview <i>by John Scott</i>	Model Rocket Workshop <i>continues ...</i>
12:00	What's New in the Universe <i>By Case Rijdsdijk</i>	Amateur Radio in Africa <i>by Kobus van der Merwe of the Alberton Radio Club</i>	SCIENCE SHOW <i>by Experilab</i>
1pm: Rocket Launch Demo <i>by the South African Rocketry Association (South East corner of the grounds)</i> 2pm: ATM & Astrophotography Awards Announcements <i>by Beverley Damonse - Executive Director - SAASTA</i>			
2.30pm	Time and Cosmology – exploring the nature and mystery of time <i>By Dr Matie Hoffman</i>	Telescope Making Overview <i>by John Scott</i>	SCIENCE SHOW <i>by Experilab</i>
4pm	From Darkroom to Digital <i>By Professor David Malin (Note 1 below)</i>		SCIENCE SHOW <i>by Experilab</i>
5pm		Rockets and Satellites: Space Age Technology working for us daily - <i>by Johann Grobler - SA Amateur Space Administration</i>	
From 6pm – 8pm: STAR PARTY <i>on the lawns (bring a picnic)</i>			
6pm	What's Up in the Sky <i>By Dave Gordon</i>	Seeing is Believing – Preventing Light Pollution <i>by Paul Ludick - Cradle-Ribeiro Observatory</i>	

AND MORE...

Commercial Exhibitors and Prize Sponsors in Marrieres Hall and on the lawn: PhotoWebSA, FOTON Optoelectronics, TelescopeSA, Lynx Optics, Protea Boekhuis, Eridanus Optics, SkyOwls, Exclusive Books, Stanley & De Kock Optometrists, Sky & Telescope, Canon

Amateur Telescopes and Accessories: the amateur telescope makers will display (and explain and let you look though) their handiwork on the lawns

Telescope Mirror Grinding: in the Telescope Making Tent

Rocketry and Amateur Radio Exhibition: in Armoured Car Hall

NOTE 1. From Darkroom to Digital - is the topic of the talk by Prof David Malin of Anglo-Australian Observatory and RMIT University at 4pm: This talk is a profusely illustrated history of the accidental career of an astronomical photographer. The presentation will review the challenges and opportunities that the newly commissioned Anglo-Australian Telescope offered in 1975, and will describe the evolution of an integrated system of photography that led to a series of intriguing astronomical discoveries. This same sequence of ideas also led to the three-colour imaging of extremely faint objects. Similar concepts are now used digitally to make colour images with electronic detectors, but the underlying art remains a challenge.

NOTE 2: Experilab will run the Model Rocket Workshop. This workshop is focused on high school learners and pre-booking is required - see **Group 1** detail.

HIGH SCHOOL STUDENT PROGRAM

The program caters for a tour of events by two select groups of high school students. Apply to ASSA Johannesburg by e-mailing lerika@icon.co.za.

Group 1 will enjoy the following events

- 9:00 – 12:00: Experilab's Model Rocket Build (20 rockets to be built - 40 students max)
- 12:00 – 12:45: Experilab's Science Show
- 13:00 – 13:30: Real Rocket demo engine launch

Group 2 will enjoy the following events (maximum 60 high school students):

- 9:30 to 10:30 SPECTACLE OF LIGHT show in the Auditorium
- 10:30 – 11:00 Telescope Making Overview by John Scott
- 11:00 – 11:30 Demo of Telescope Mirror grinding in the Telescope Making Tent and guided tour of ATM exhibits
- 12:00 – 12:45 Experilab's Science Show
- 13:00 – 13:30 Real Rocket demo engine launch