

**YSTAR - Yonsei Survey Telescope**  
**Astronomical Research to monitor**  
**variable stars and other transient**





# YSTAR-KAO

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## SOUTH AFRICA STATION

April 2002

Yonsei University Observatory  
Korea Astronomy Observatory

A photograph of a sunset over a landscape. In the foreground on the right, there is a large, white, dome-shaped structure, likely a telescope enclosure. In the distance, a smaller, rectangular building is visible against the bright orange and yellow sky. The sky is filled with soft, wispy clouds, and the sun is low on the horizon, creating a strong glow. The overall scene is peaceful and scenic.

MONET-South is a **MO**nitoring **NE**twork  
**T**elescopes; initiated and coordinated by  
the University of Gottingen (Germany)

# MONET – 1.2m (47-in) Telescope





**Solaris - a Polish scientific initiative  
to open a new frontier in the search  
for extrasolar planets**



# Solaris - global network of four 0.5-m robotic telescopes

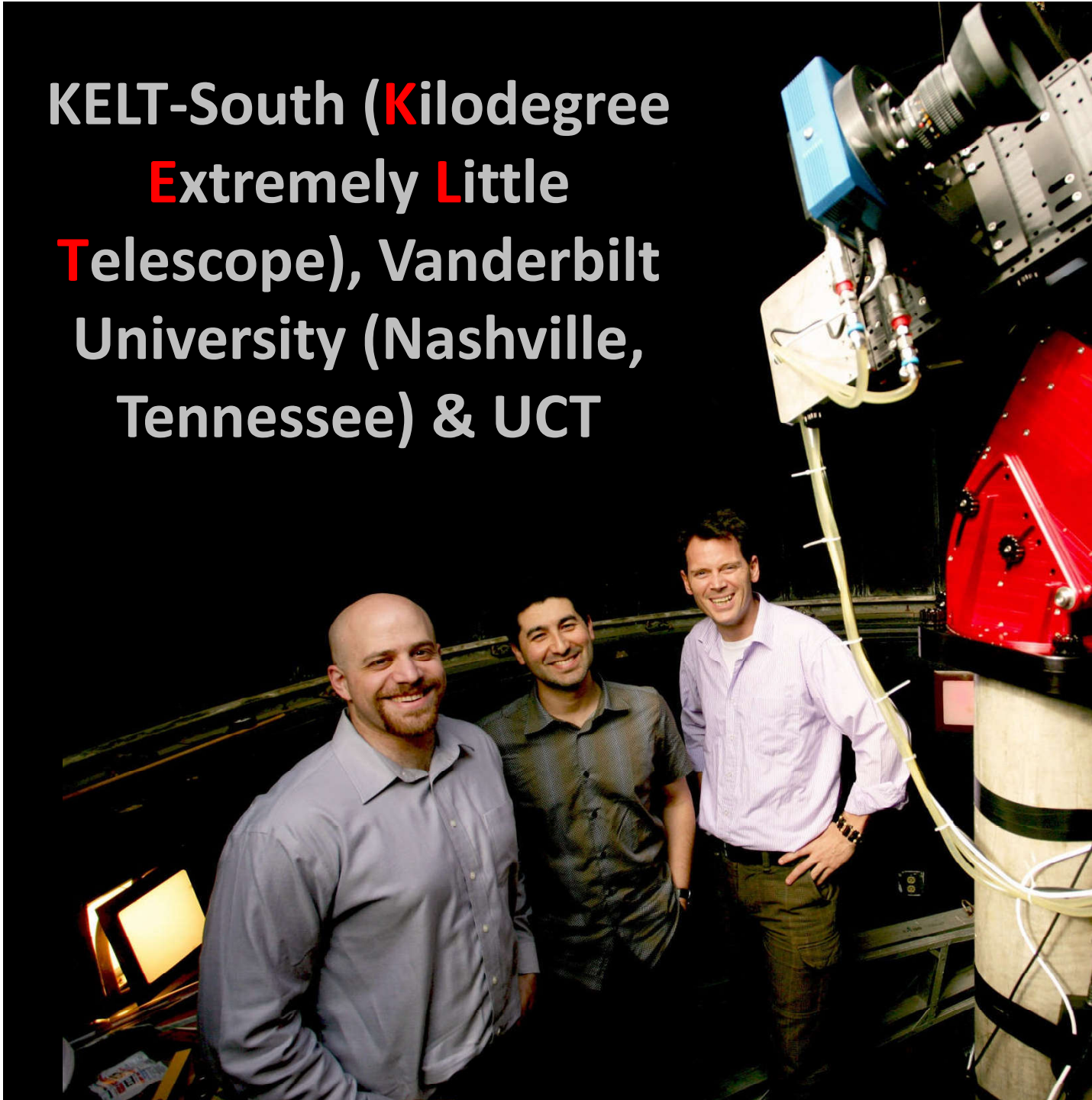






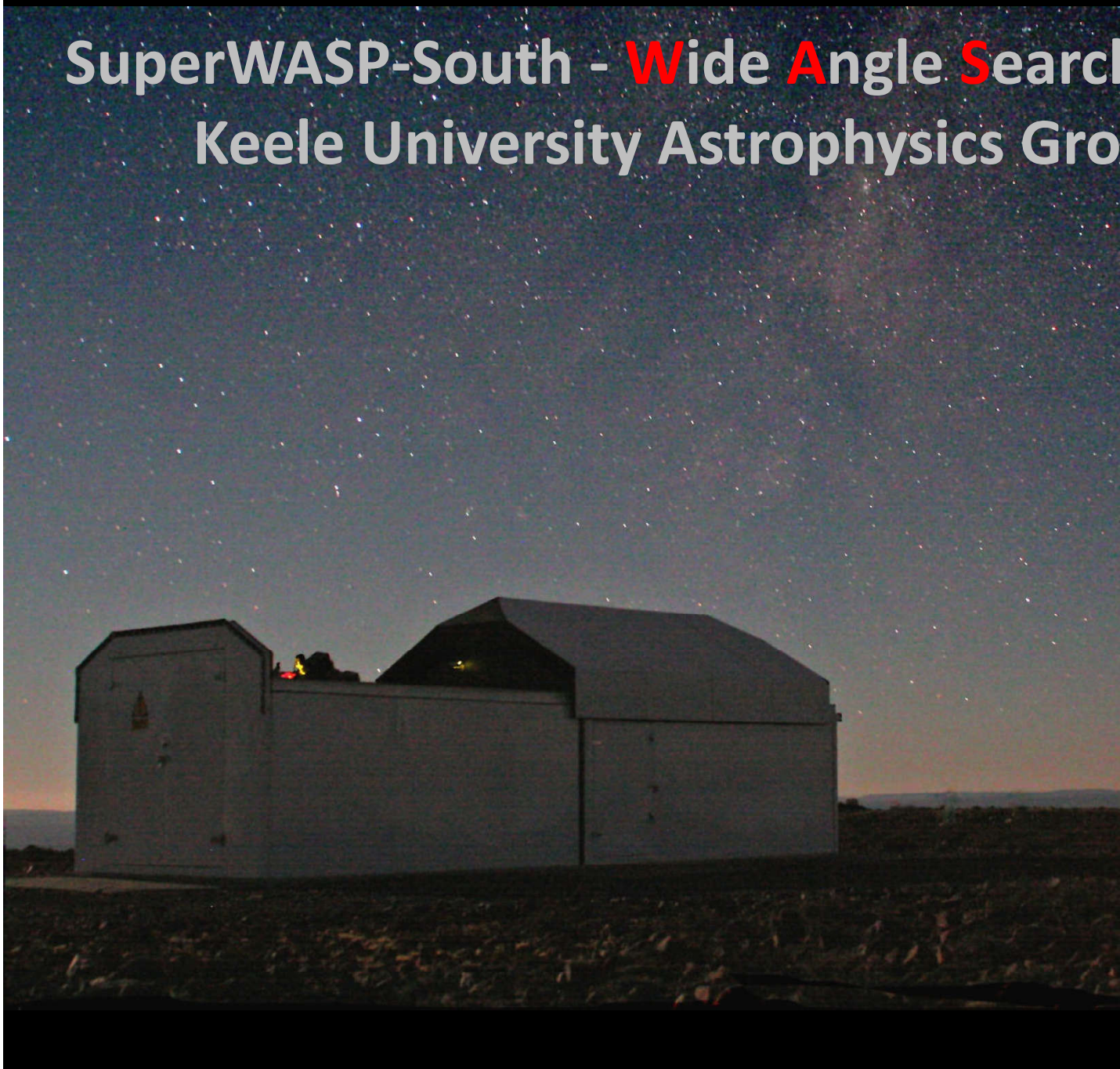


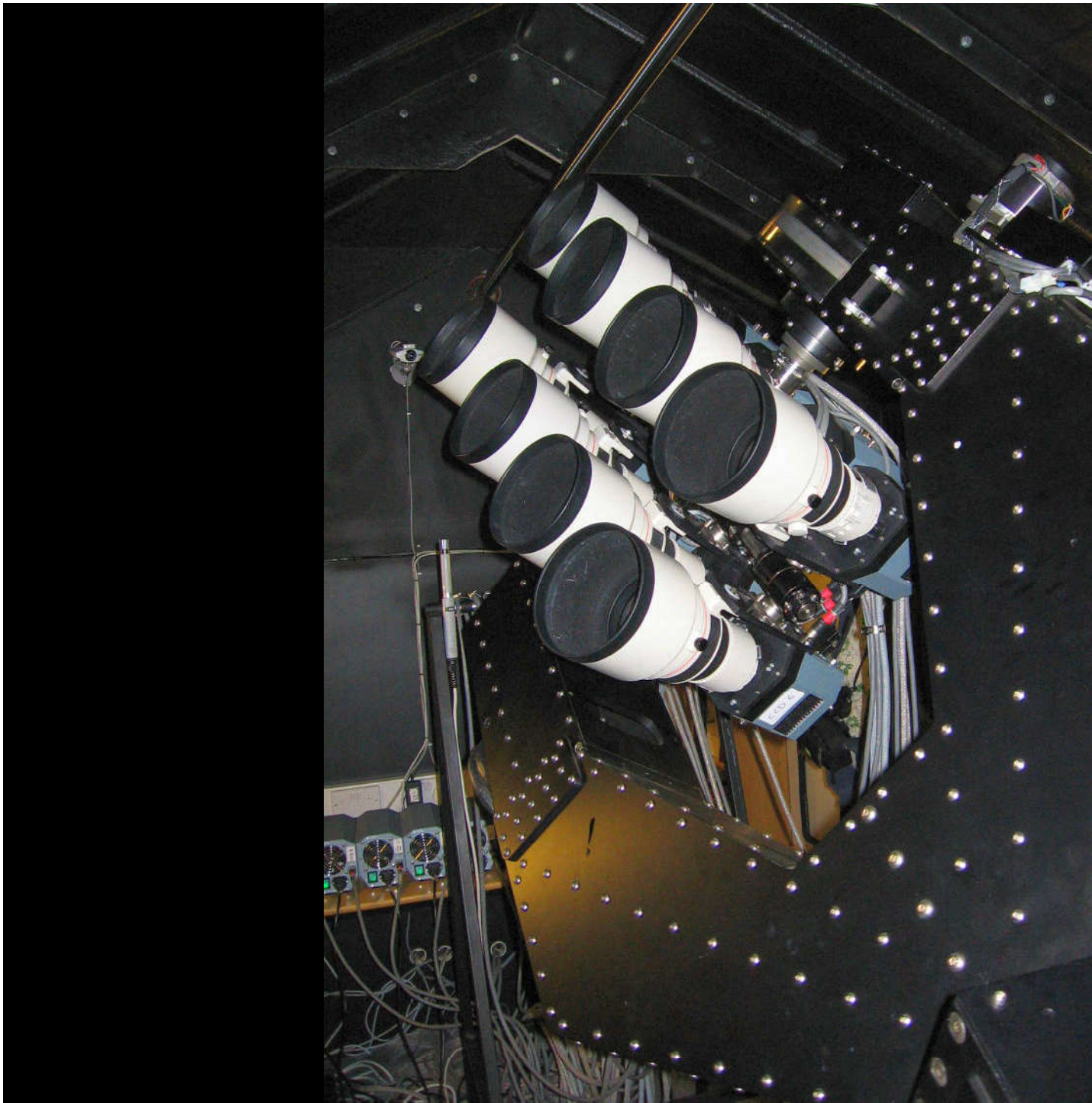
**KELT-South (Kilodegree  
Extremely Little  
Telescope), Vanderbilt  
University (Nashville,  
Tennessee) & UCT**



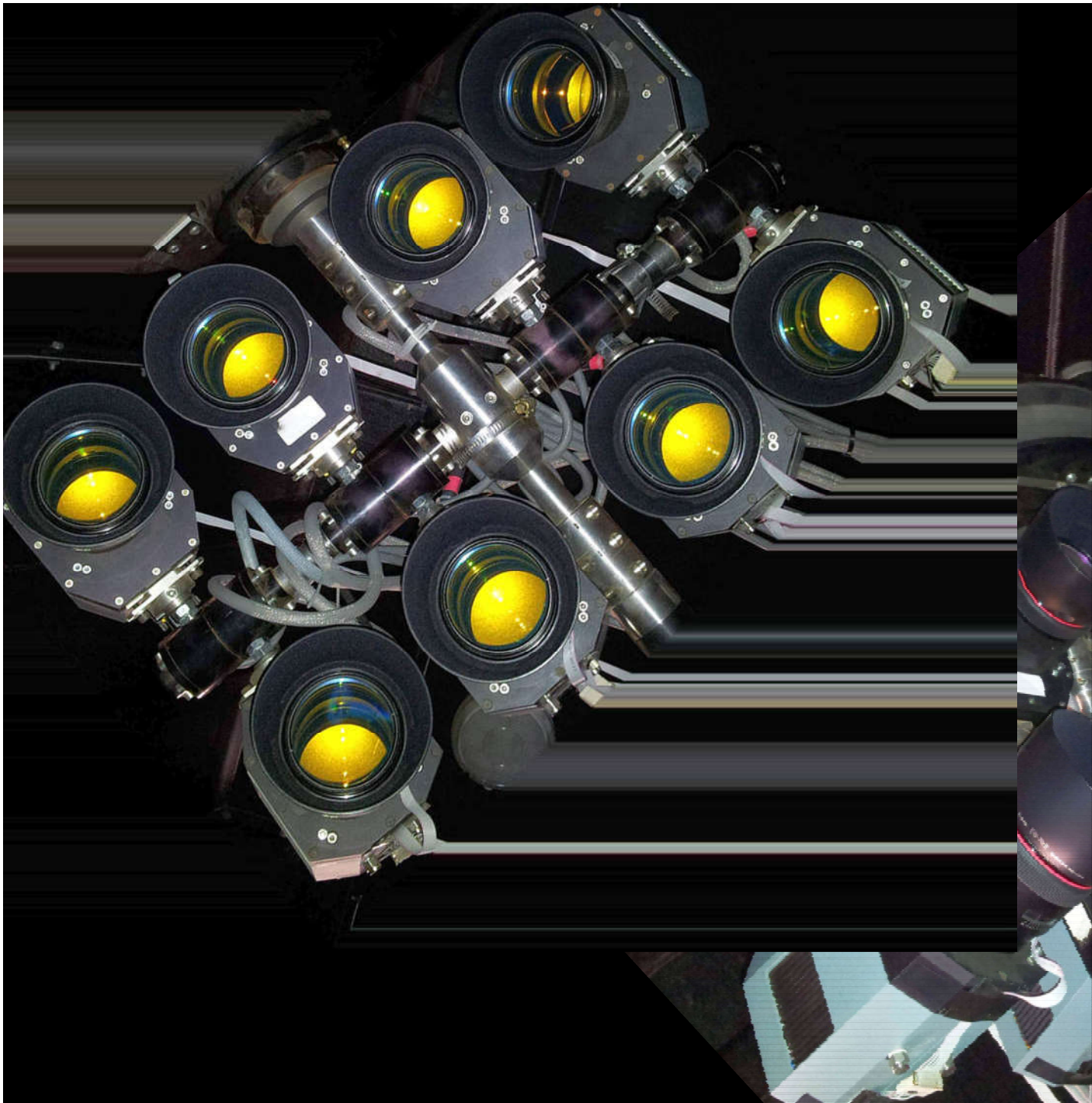


SuperWASP-South - **Wide Angle Search**  
Keele University Astrophysics Group









# WFCT II (Wide Cryogenic Tele

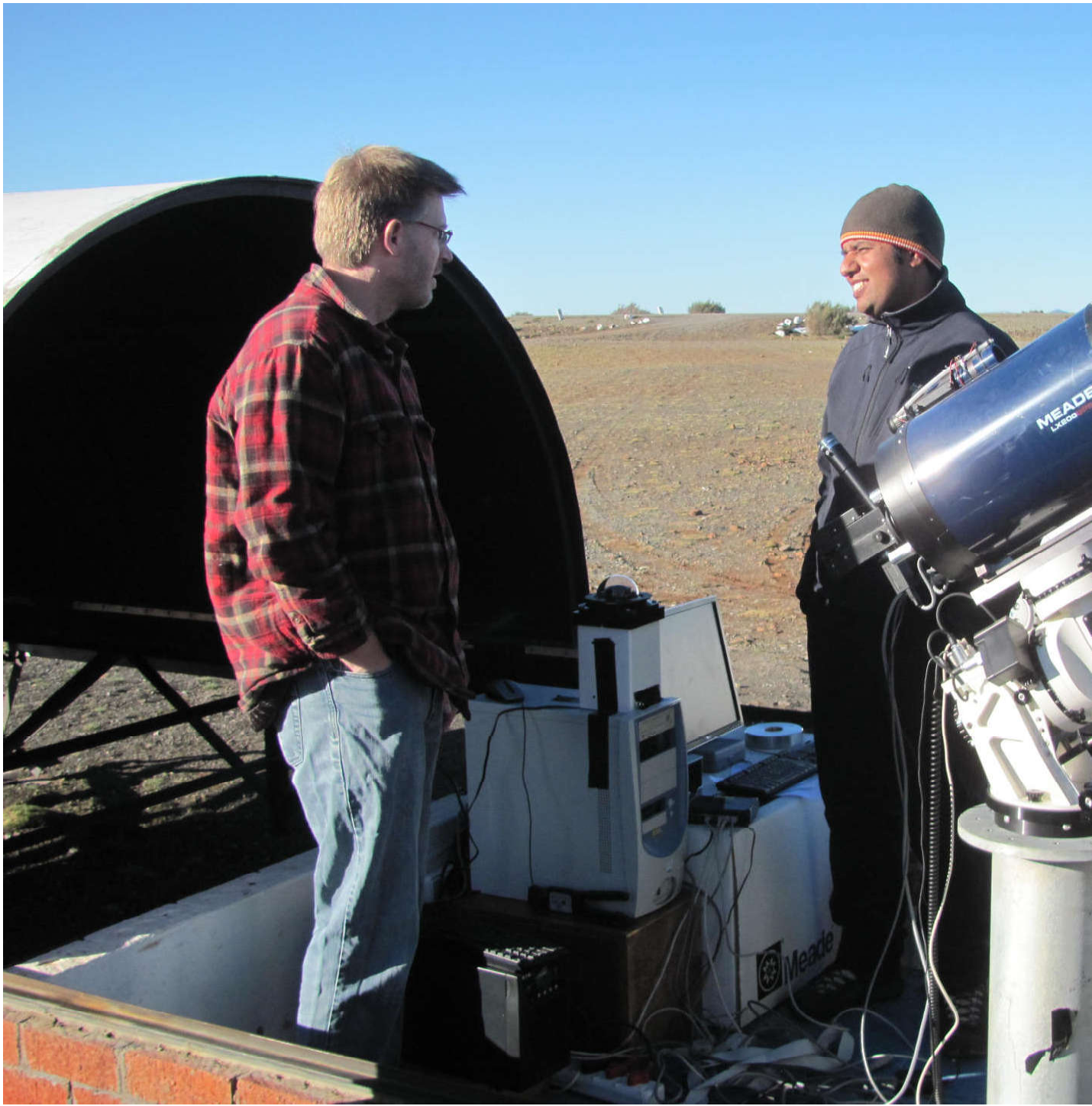






# DIMM – Differential Image Motion







**AllSky  
Camera**



2012/09/23

01:27:56

60.0000s

000776680





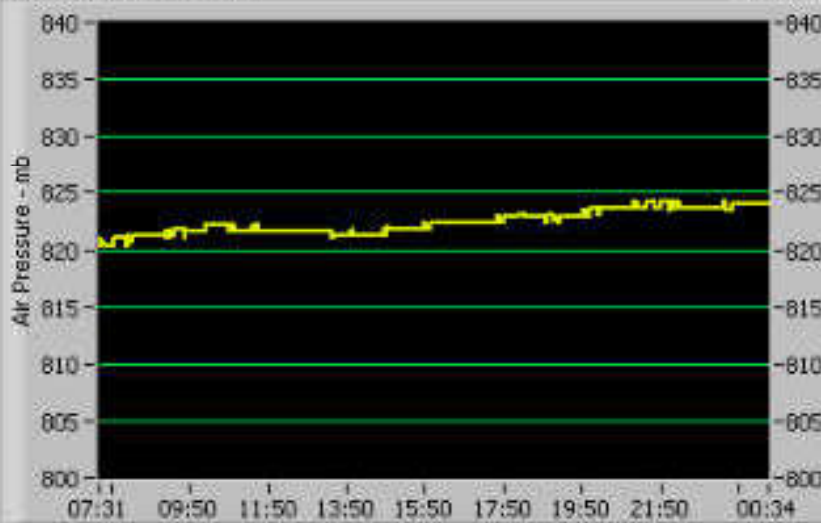
# SALT ENVIRONMENTAL DISPLAY

Image OK

DS Rx OK

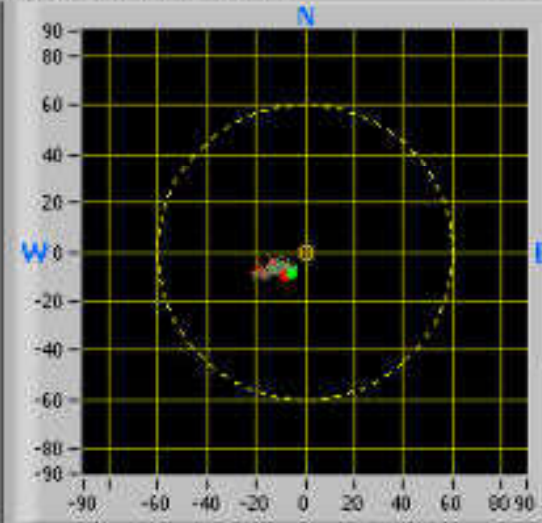
Air Pressure [mb]

824 mb



Outside Wind [km/h]

Dome



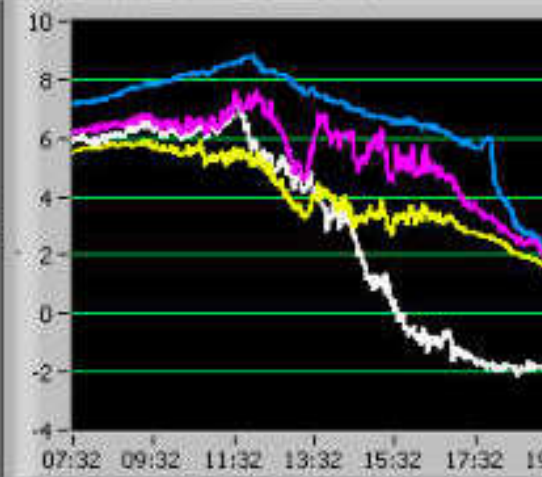
Relative Humidity & Seeing

Seeing 2.39"

RH 88.0%



Temperatures & Dew Point



# Live Sutherland Weather

Time (SAST):  
2012-05-19  
00:33:07

T-T<sub>max</sub>  
**1.49**

Humidity  
**87.89**

Weather  
**DRY**

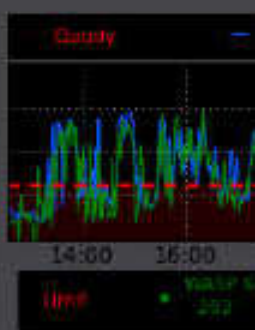
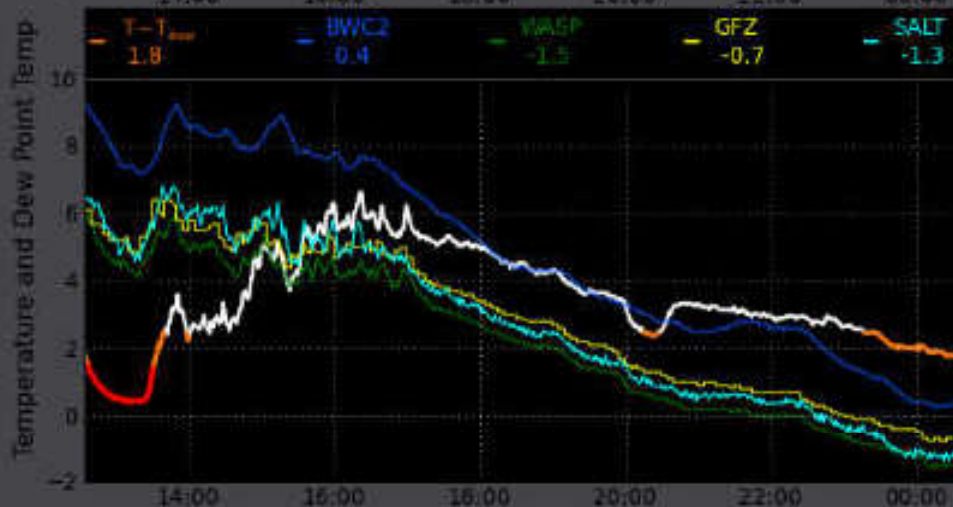
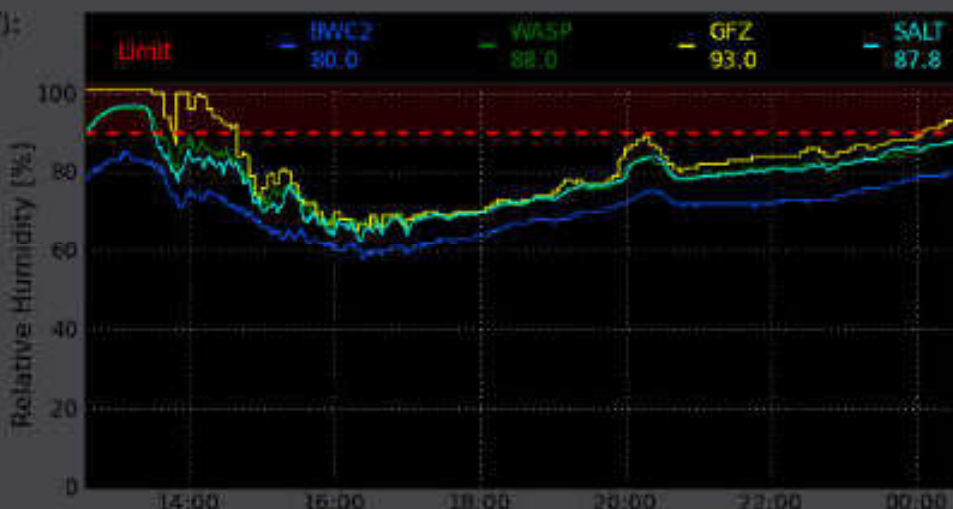
Cloud  
**CLOUD**

Wind  
**9.02**

Avg. Temp  
**-0.77**

Pressure  
**824.04**

Umdimm  
**CLOSED**





LCOGT

Google

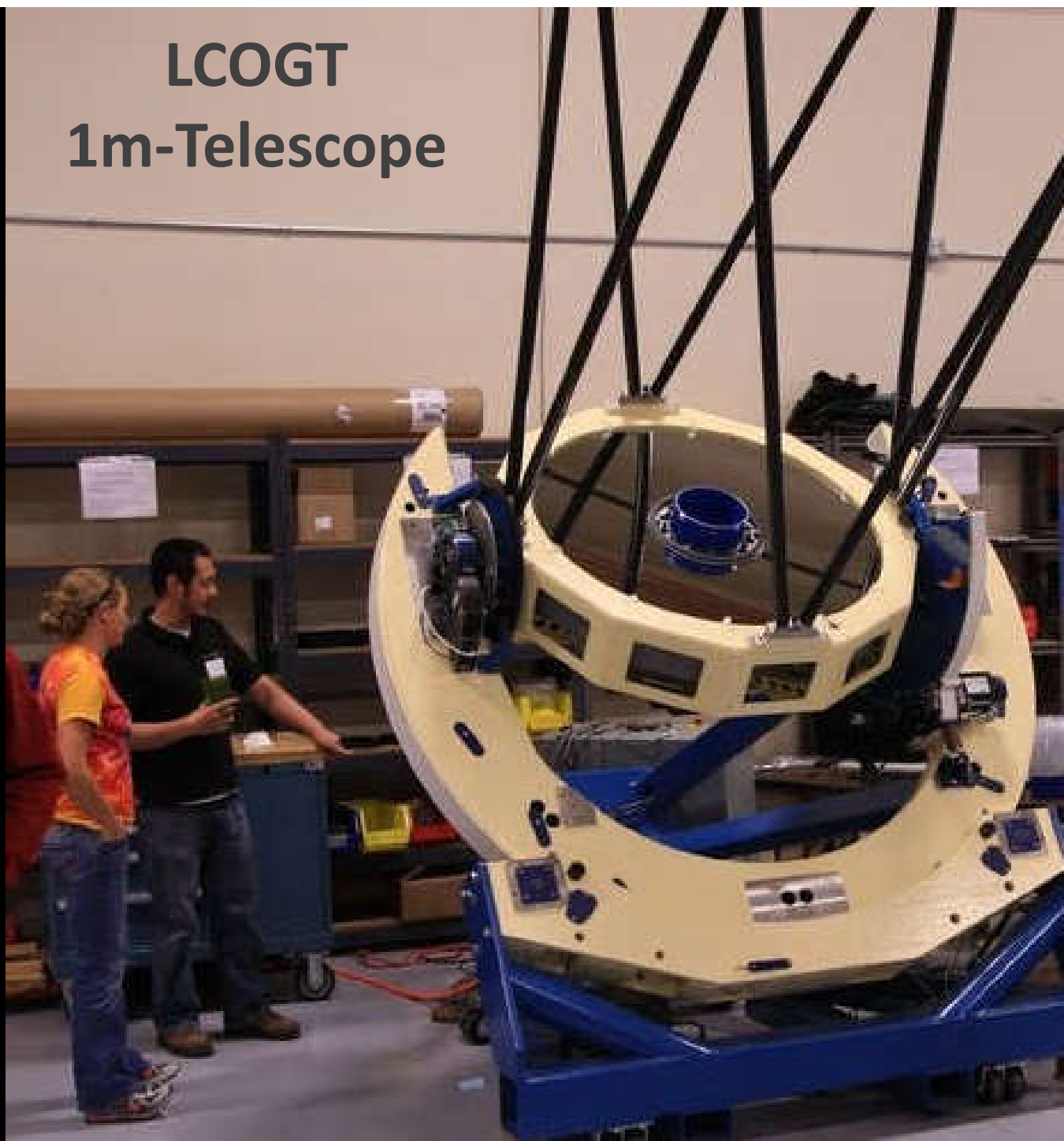
0740  
Suite 102



LCOGT.net – Las Cumbres Observato  
Telescope network (6 station



# LCOGT 1m-Telescope





LCOGT Chile - first light, Oct 2



NGC 1365



NGC