

Las Cumbres Observatory Global Telescope Network: Keeping Education in the Dark

Rachel J. Ross

31 May 2008

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Robotic Telescopes

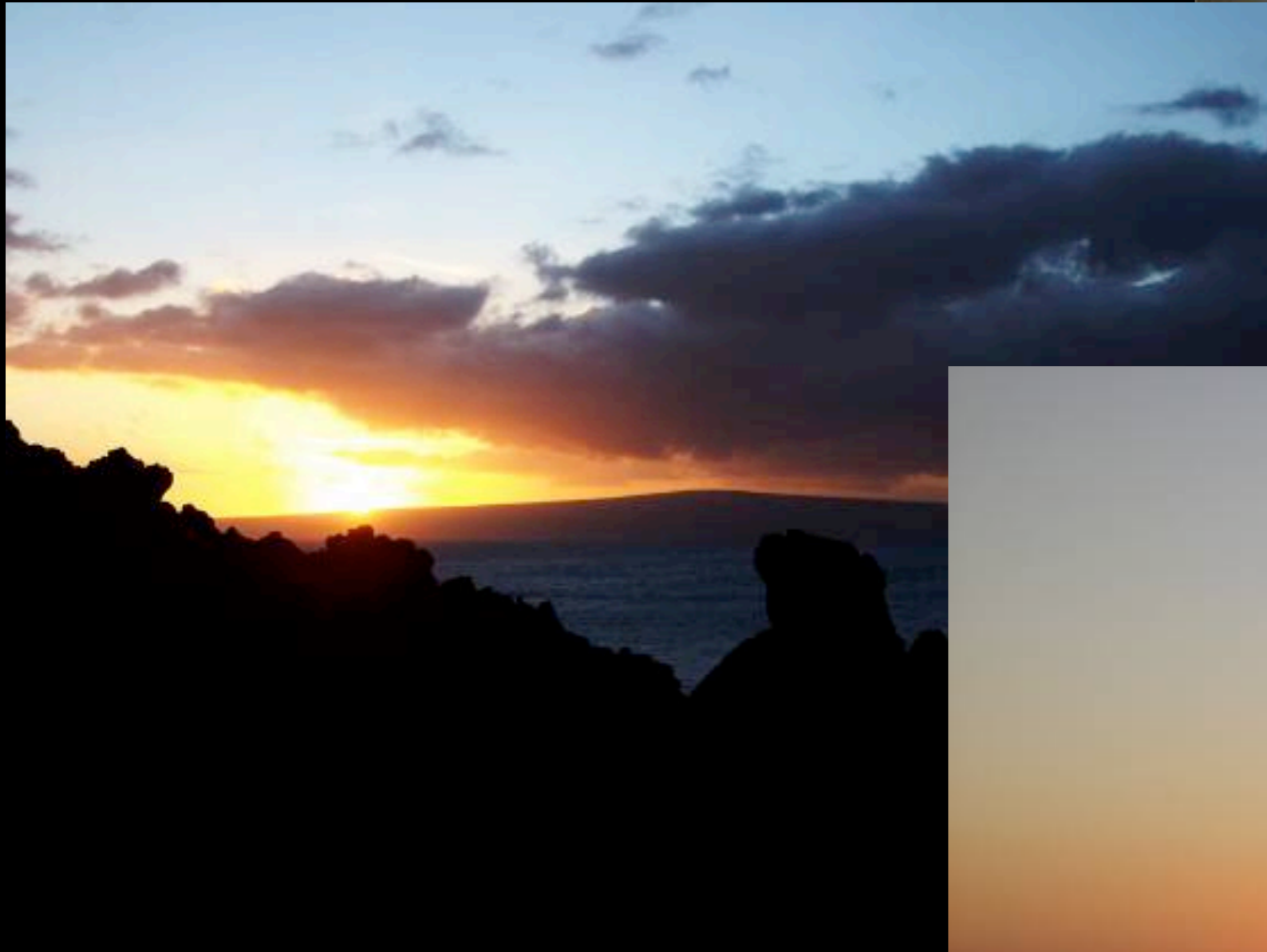
Robotic Telescopes



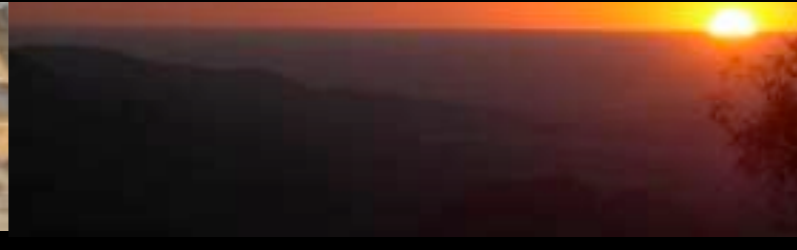
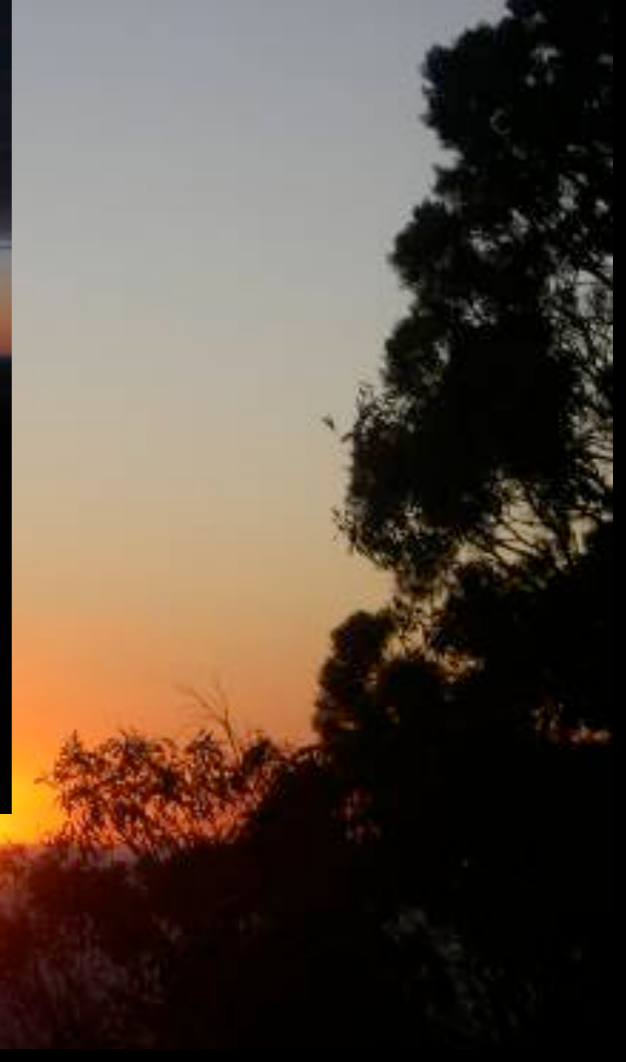
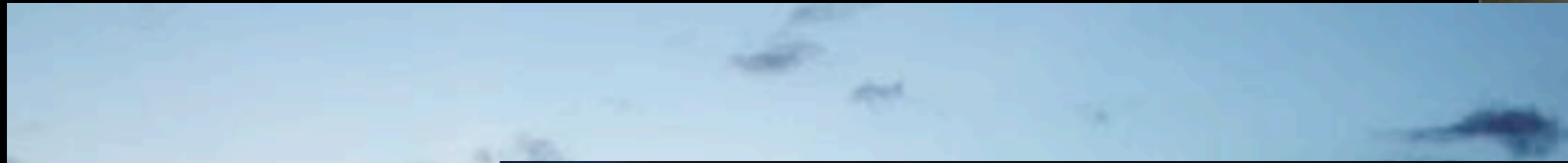
Robotic Telescopes



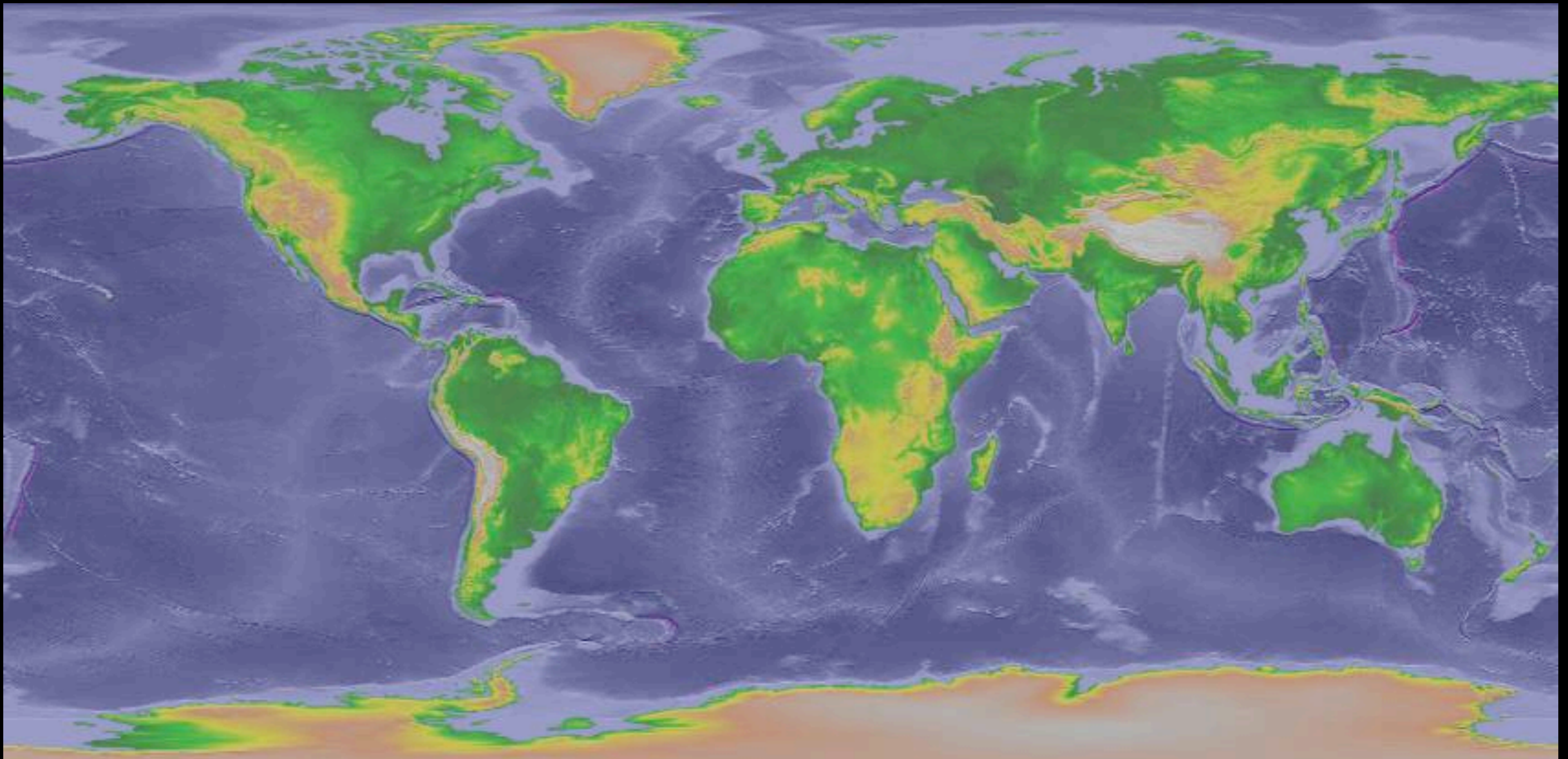
Robotic Telescopes



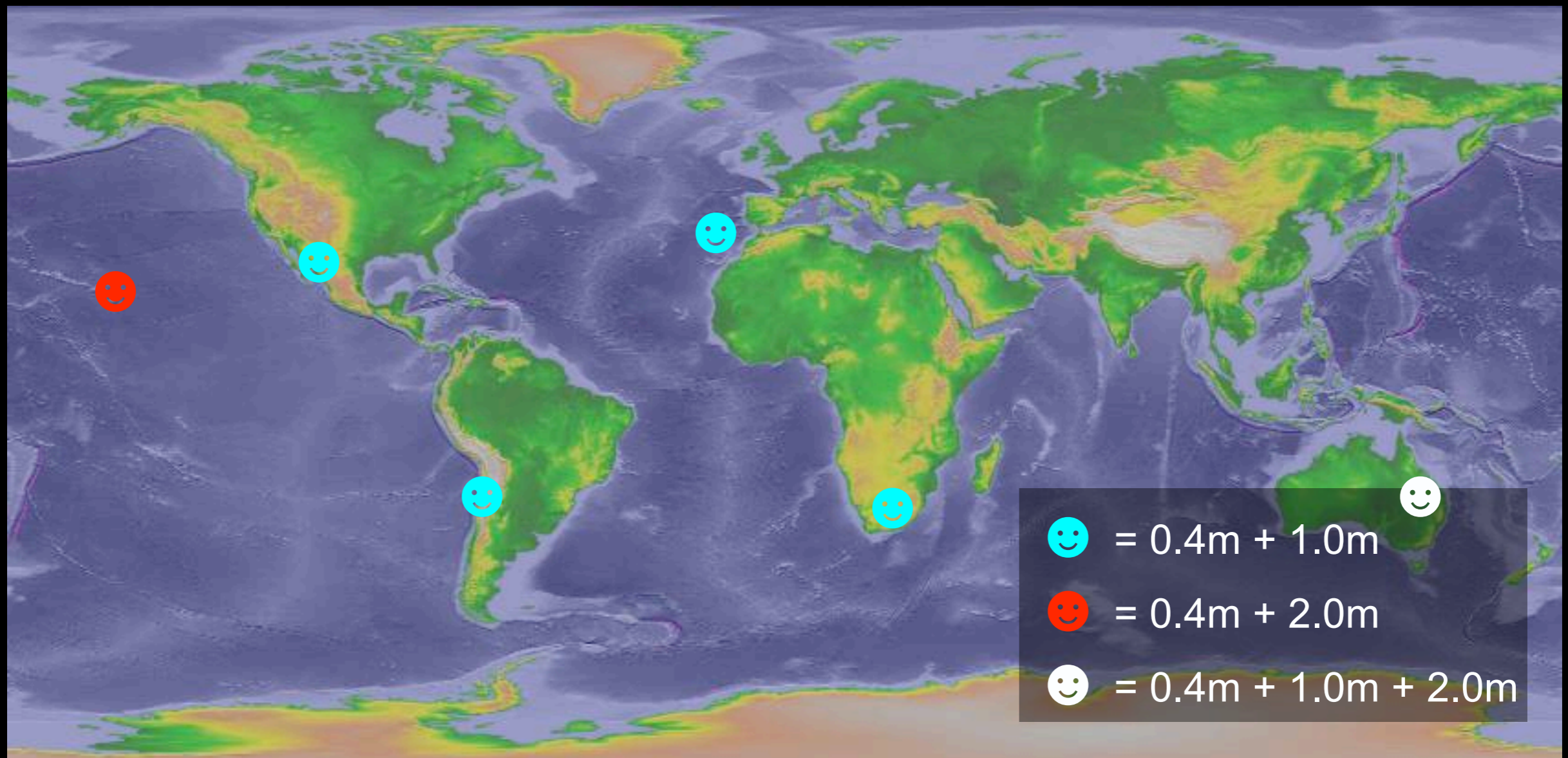
Robotic Telescopes



The Las Cumbres Observatory Global Telescope Network

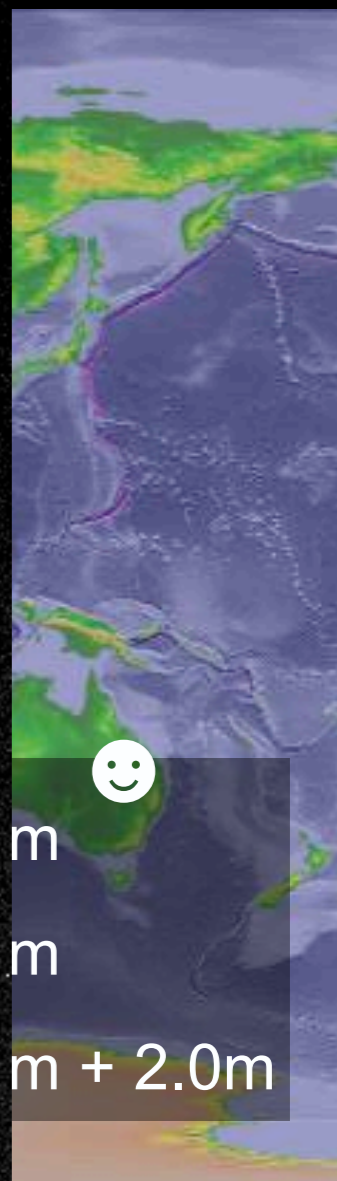
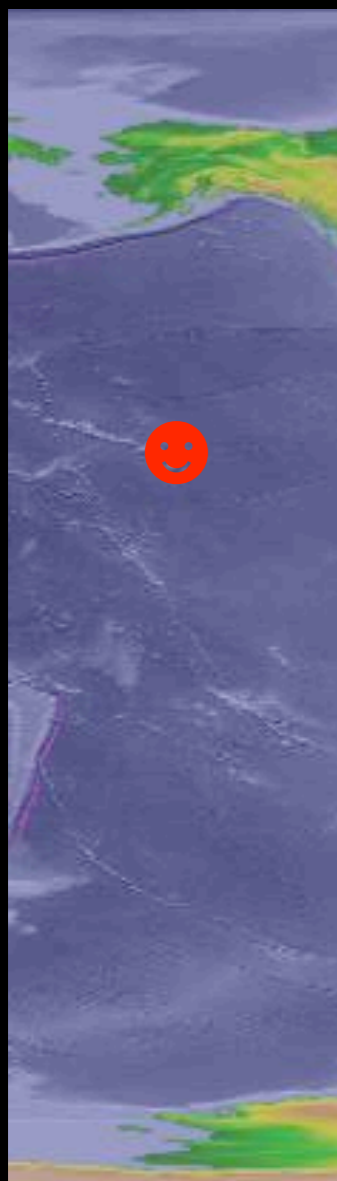


The Las Cumbres Observatory Global Telescope Network



The L Teles

Global



M106, 01May07, no filter or alignment, 30s exposure

LCOGTN Telescopes in Schools

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Telescope time!

LCOGTN Telescopes in Schools

Telescope time!

Interactive website!

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Interactive website!

Real scientific research!

LCOGTN Telescopes in Schools

Telescope time!

Interactive website!

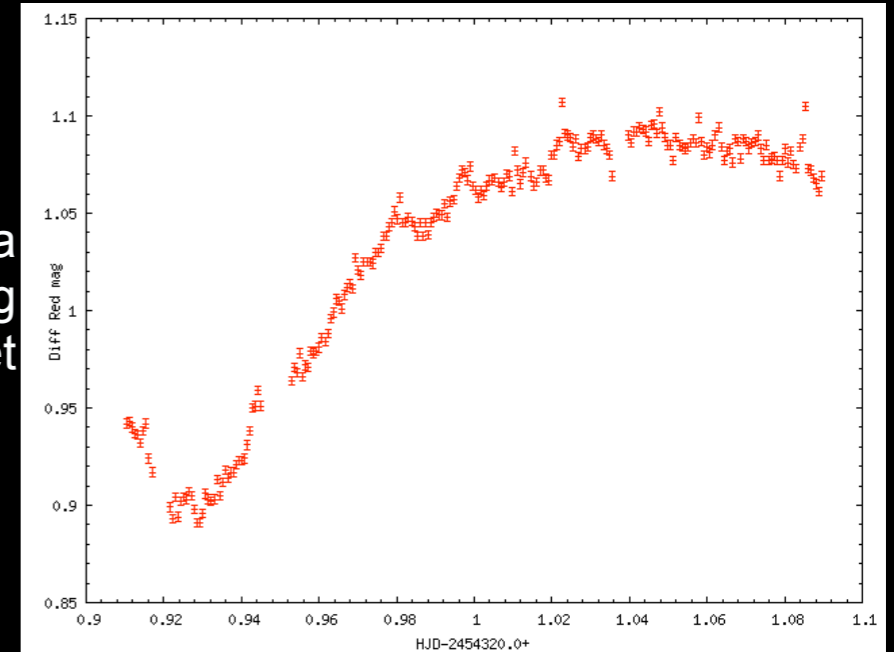
Real scientific research!

STEM!

Just a Few Projects ...

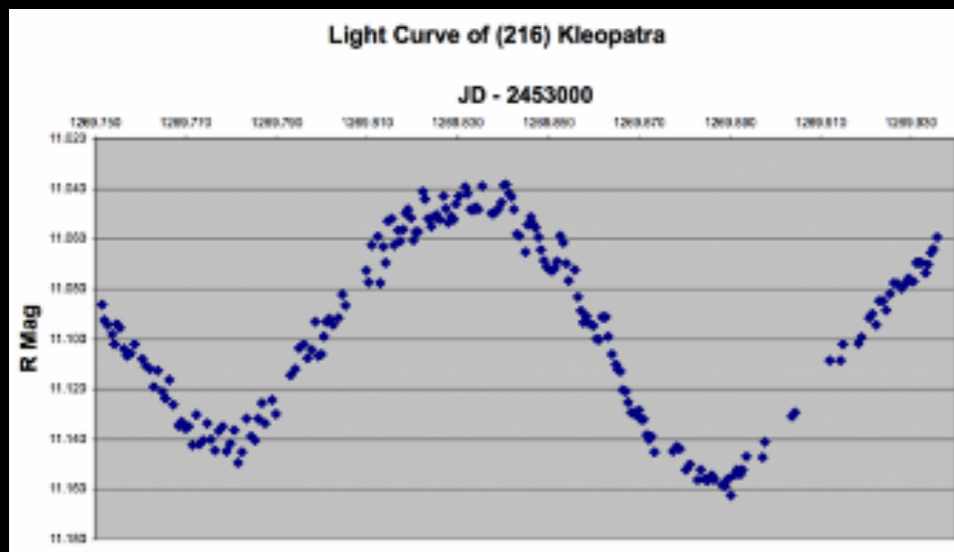
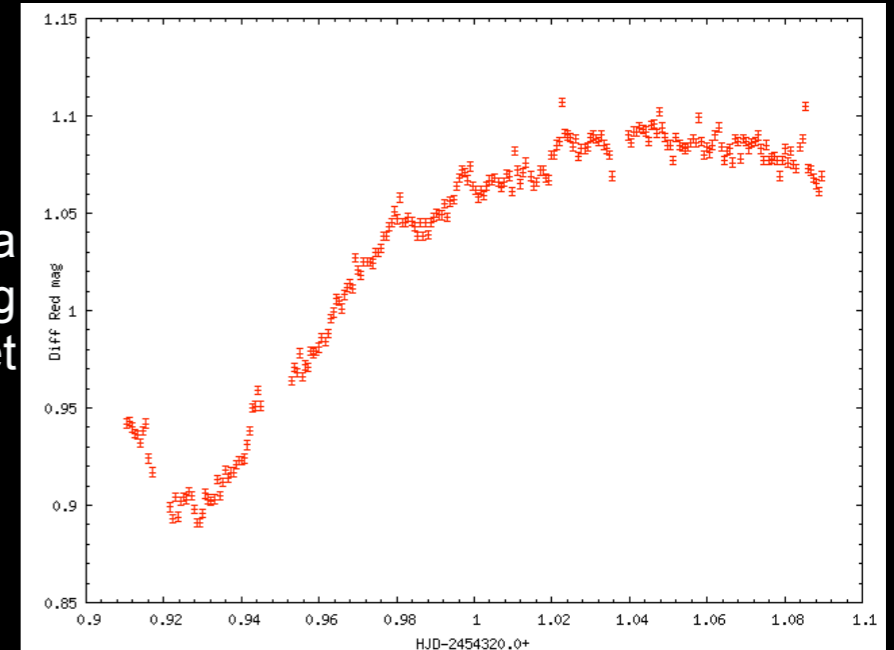
Just a Few Projects ...

Variable star V867Ara
Light curve using the Muhlenberg
on 2007/08/08 by Rachel Street



Just a Few Projects ...

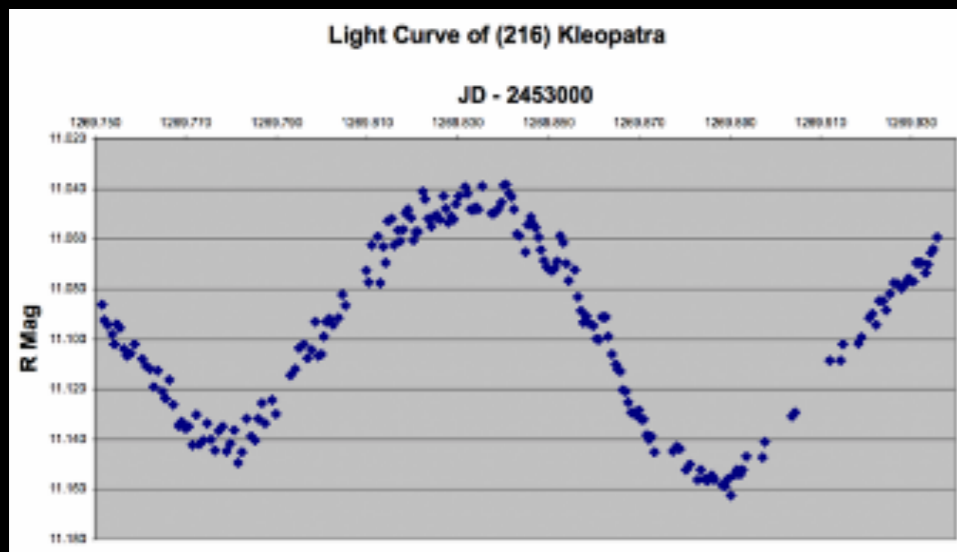
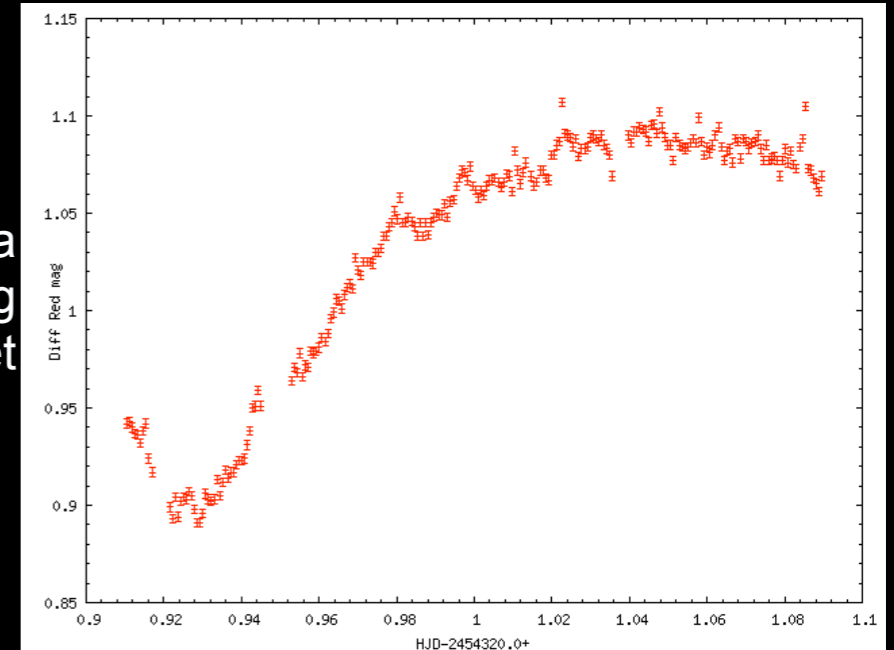
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Rotation curve of
Asteroid (216)
Kleopatra taken as a
joint project by several
UK schools

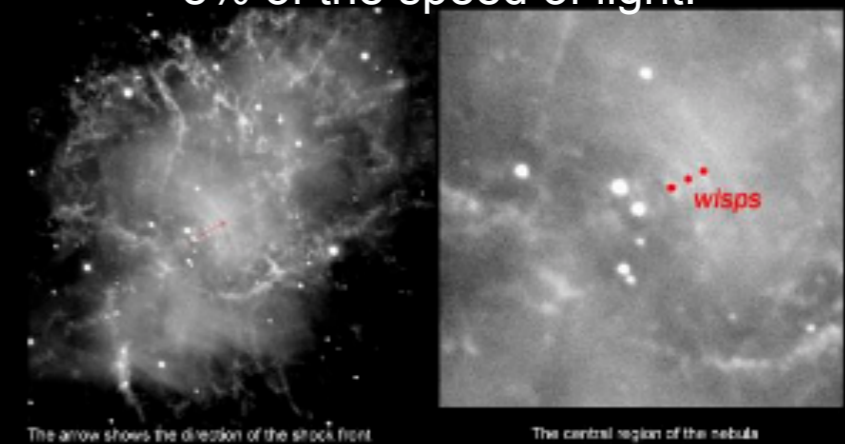
Just a Few Projects ...

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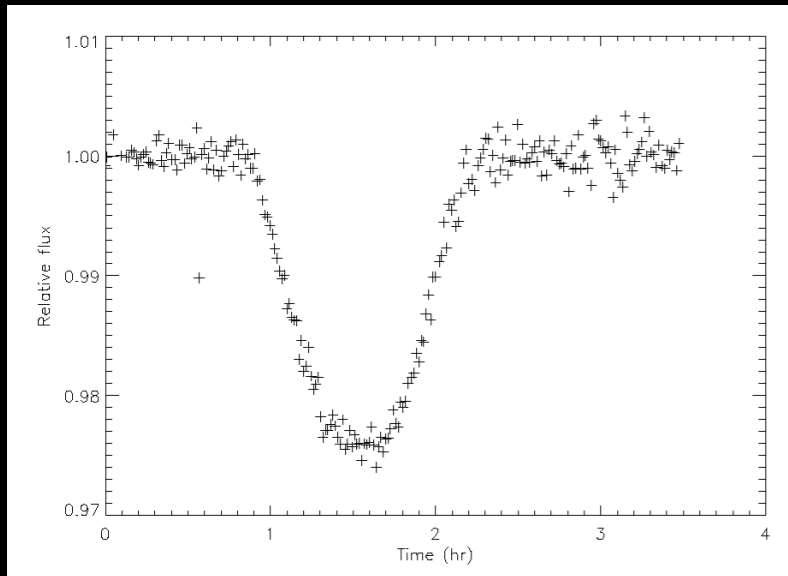


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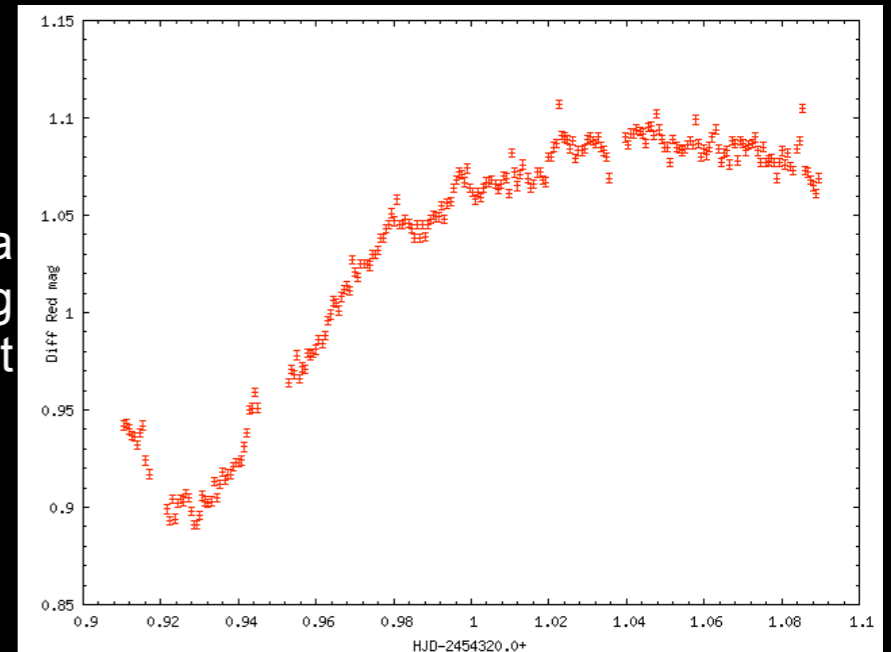
Expansion rate of the Crab Nebula as
measured by Olivia Gomez –
8% of the speed of light!



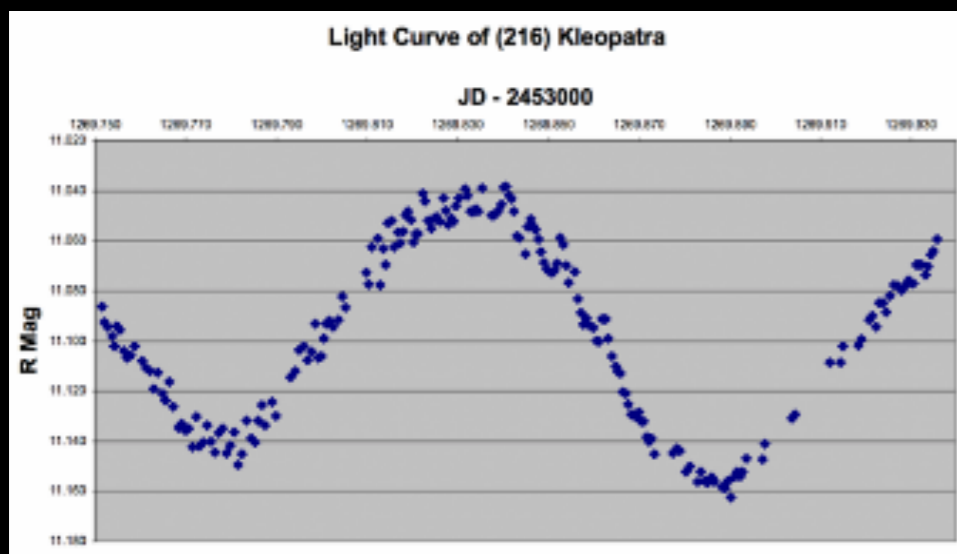
Just a Few Projects ...



Variable star V867Ara
Light curve using the Muhlenberg
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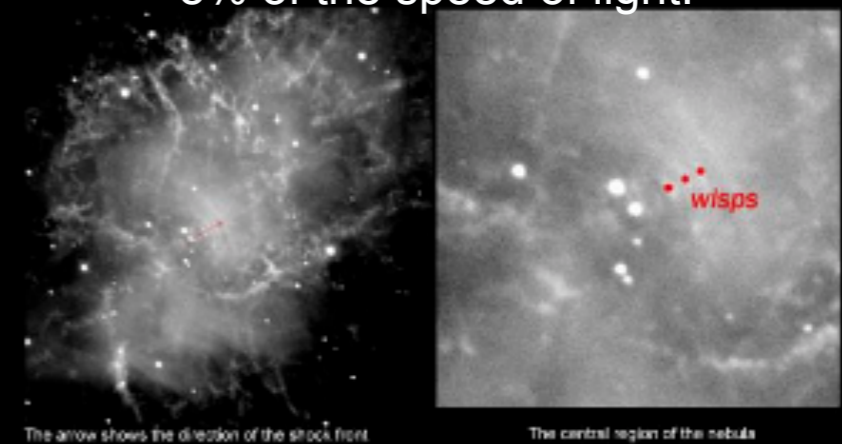


Extrasolar planet TrES-3 on FTN
Observed by Marton Hidas

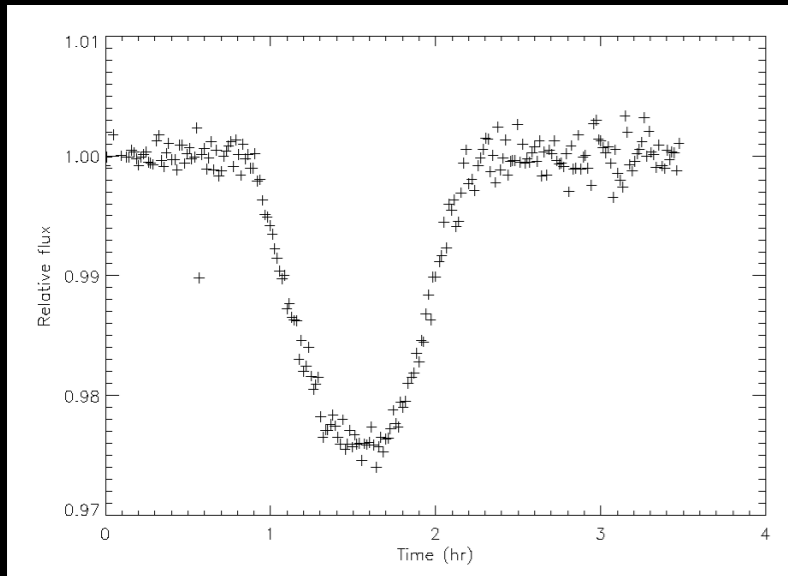


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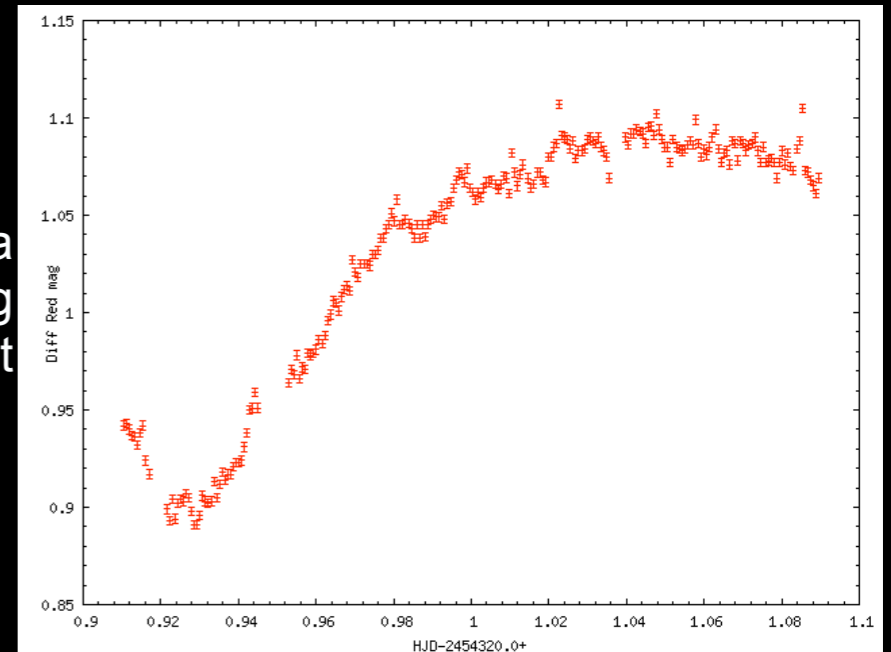


Just a Few Projects ...

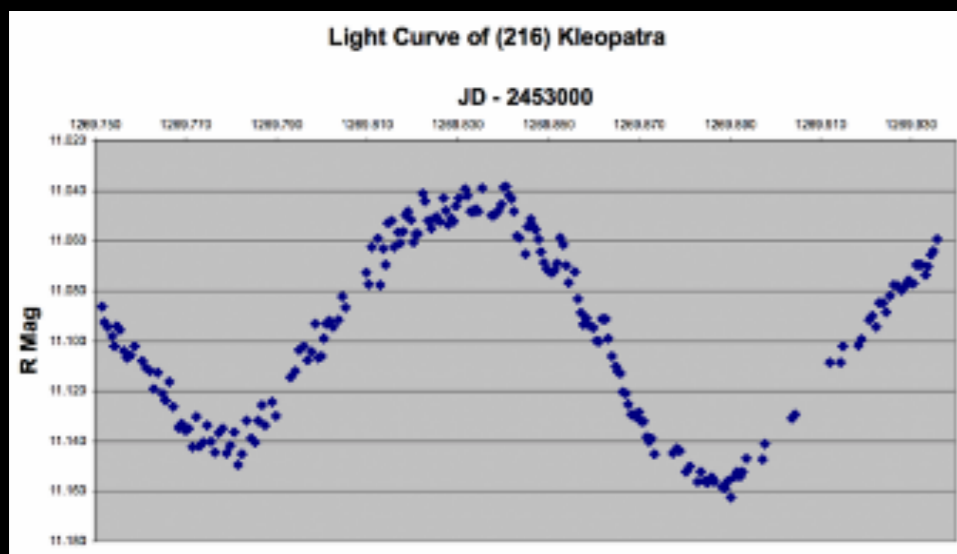


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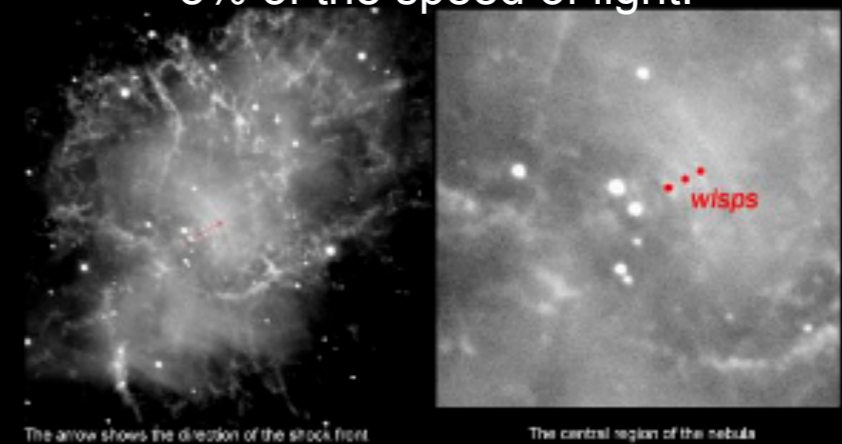


Asteroid 1998 BP26
Taken with FTN on
2007/02/13
By the Spaceguard Centre



Rotation curve of
Asteroid (216)
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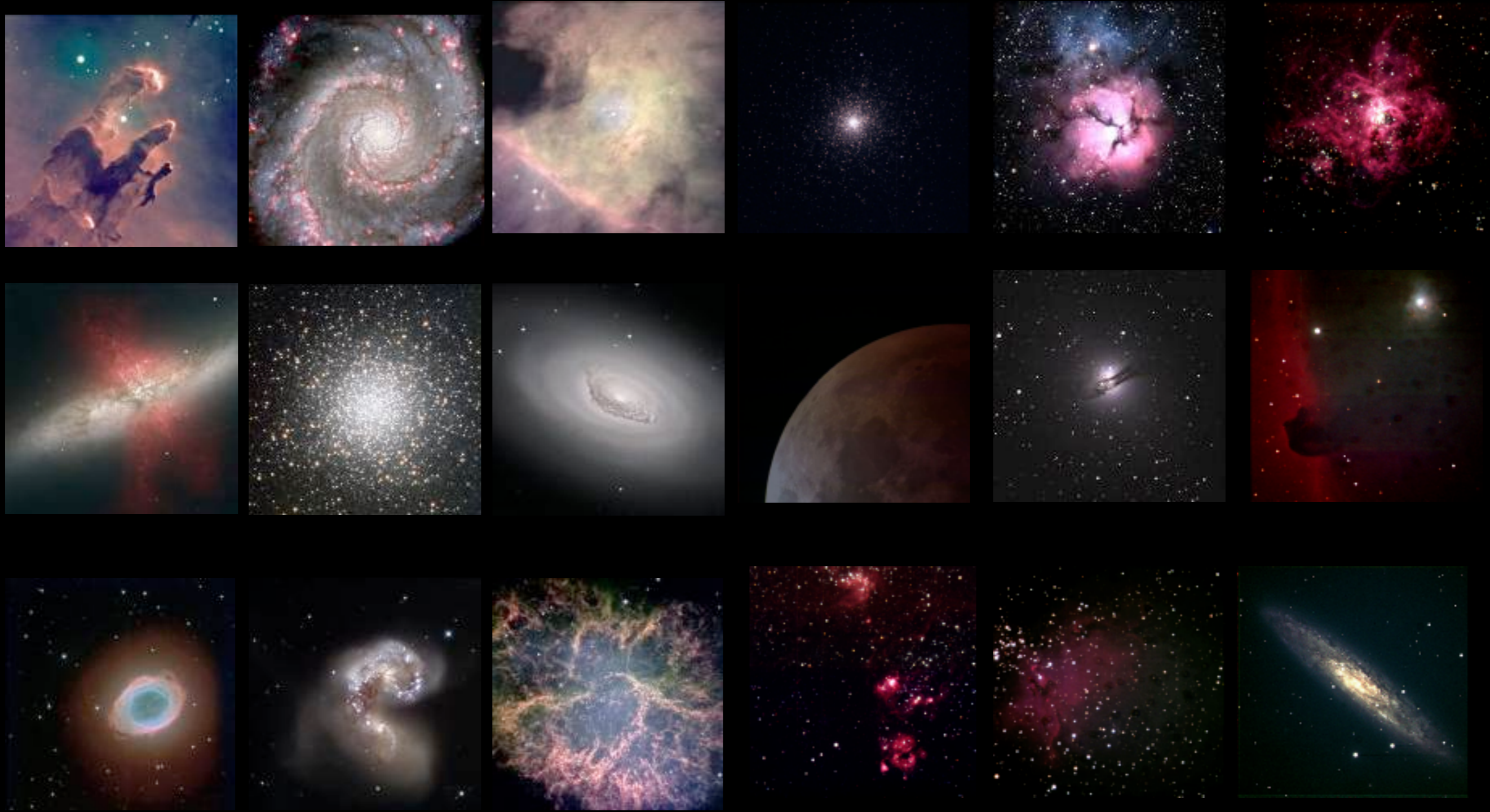


Pretty Pictures

Pretty Pictures

2.0m FTN, Haleakala, Maui

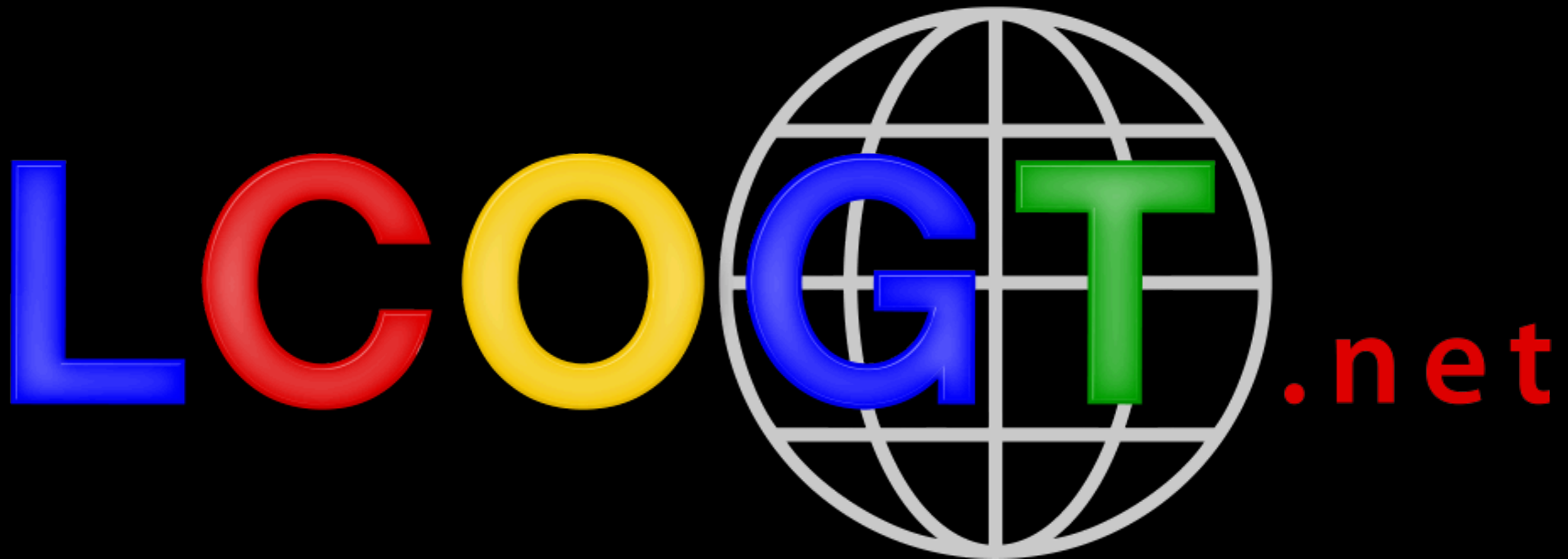
0.35m Muhlenberg,
Coonabarbran, Australia



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rross@lcogt.net

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