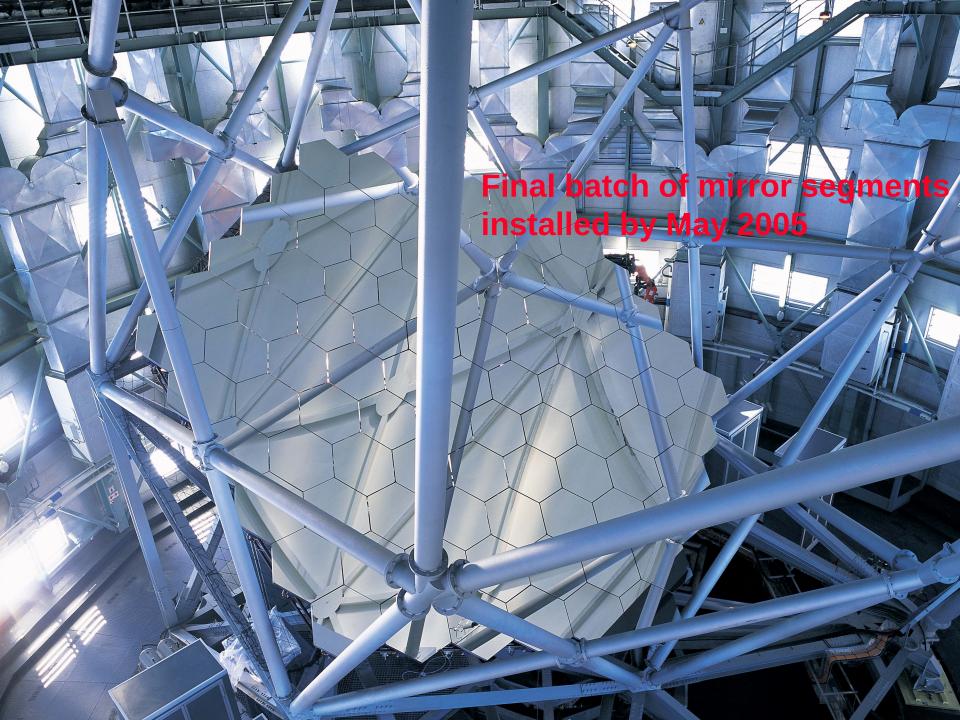


Science with SALT II: Oct 2003













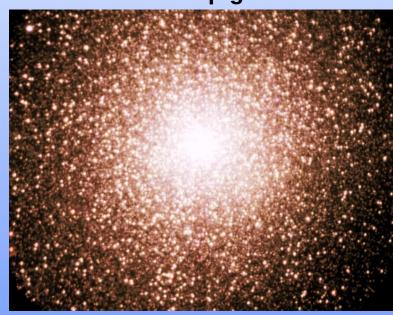


When was SALT completed?

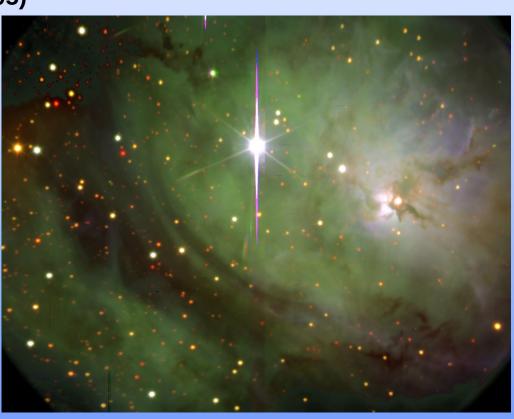
Declaration of SALT "First Light": 1 Sep 2005

- With all segments installed (May 05)
- With SALTICAM and filter set (Jul 05)

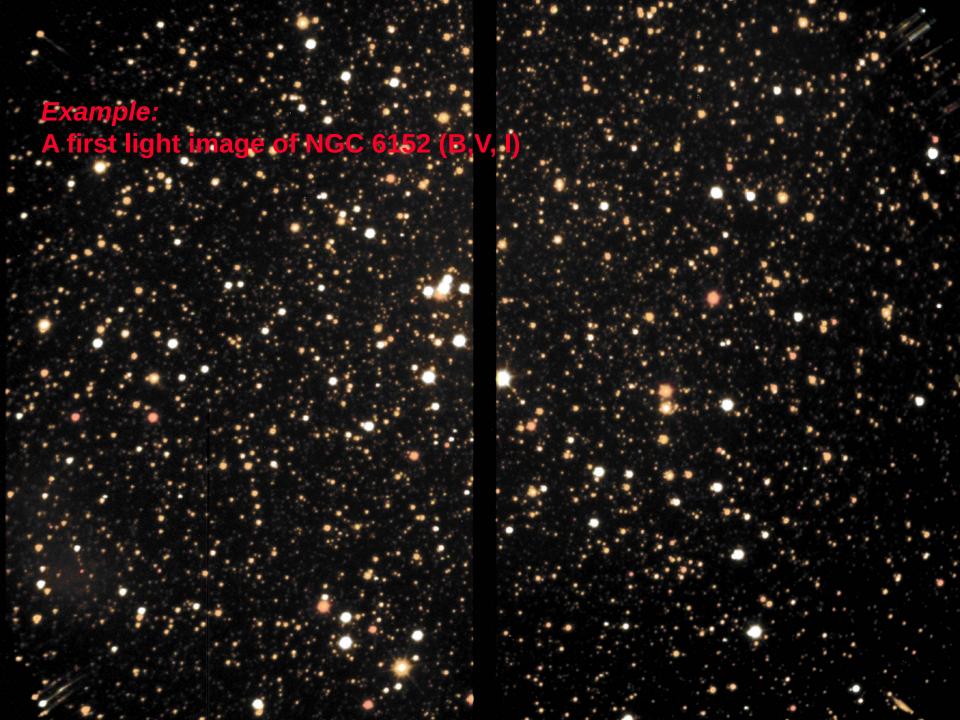
But, no active optics (edge sensors) and no closed-loop guidance/focus



47 Tuc: Combined U,V,I (120 sec total)



Lagoon Nebula: 180 sec total (U, V, I)













~2000 people attended the inauguration, reflecting the high profile of the project







Reality of Commissioning / Completion

- Underestimate of time to complete complex/first-time systems
 - Including the Prime Focus Payload
 - Science instruments (both took ~1 year longer than CDR estimates)
 - Not enough time for integration and thorough/complete testing
 - A significant number of subsystems not completed (e.g. mirror cleaning, SAMS)
 - » Handed over the Operations Team which became a "Completion Team"



WE'LL JUST TRAVEL
FASTER THAN LIGHT
TO A BLACK HOLE
AND DISCOVER A
DOORWAY IN TIME.





Sometimes it was just too much!











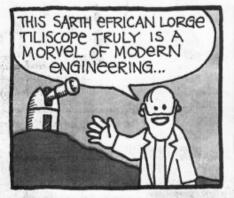




Challenges

- **Adequate funding**
 - Operations and development
- **Partner** commitments
 - Already 2 partners have withdrawn
- **Competitiveness and** relevance in decades to come
 - Focusing on **SALT's strengths**

meanwhile, in south africa...

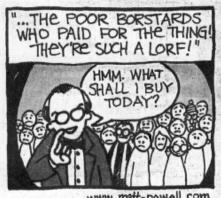












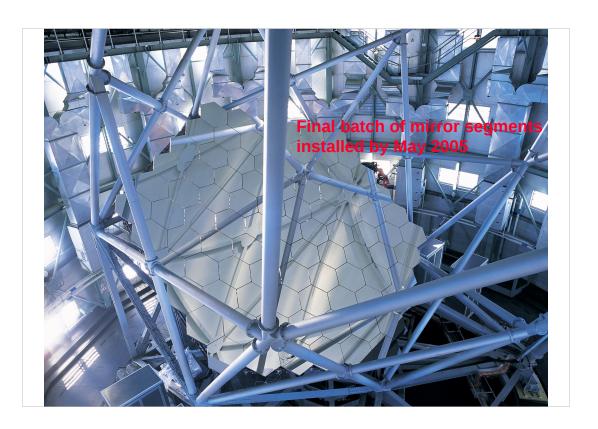
www.matt-powell.com

Final Remarks

- The road to SALT has been a long and interesting journey!
- Many lessons learned
- Dedicated people made it a success
- Full time science operations began in late-2011
 - Image quality and instrument issues resolved
- New edge sensors installed in 2015
 - Stable images over a week at a time
- SALT has become an efficient and productive telescope producing forefront science
 - Publications testament to this
- Future development plans show great promise and will ensure SALT is a forefront facilities for decades to come

















When was SALT completed?

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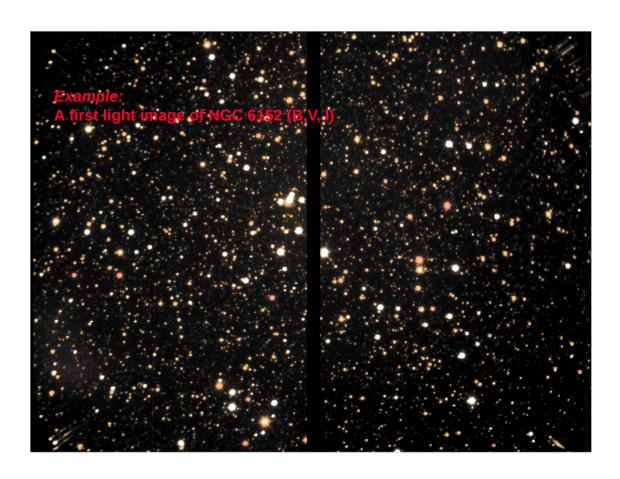
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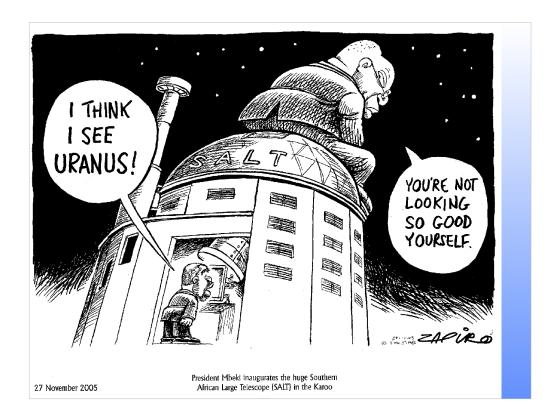
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From University of Canterbury student newspaper in 2000

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