

First ThunderKAT workshop

Software requirements and science with KAT-7

Arniston, South Africa

19 - 21 April 2011

Draft programme (4 April 2011)



Monday 18 April

18:30 Welcome and registration
19:30 Dinner (Braai)

Tuesday 19 April

Facilities and surveys

10:00 - 10:05 Welcome
10:05 - 10:30 MeerKAT and the South African SKA bid (Bernie Fanaroff)
10:30 - 10:55 MeerKAT Large Survey Projects (Roy Booth)
10:55 - 11:20 KAT-7 update (Tony Foley)

11:20 *Coffee/Tea*

11:40 - 12:05 ThunderKAT (Patrick Woudt)
12:05 - 12:30 VAST: An ASKAP Survey for Variables and Slow Transients
(Tara Murphy)
12:30 - 12:55 LOFAR Transient KSP (Rob Fender)
12:55 - 13:15 Discussion on coordination between surveys
(Chair: Rob Fender)

13:15 - 14:30 *Lunch*

Affiliated projects

14:30 - 14:55 TRAPUM: Fast transients (Ben Stappers)
14:55 - 15:20 VLBI (Michael Bietenholz)
15:20 - 15:55 MIGHTEE (Kurt van der Heyden)

15:55 *Coffee/Tea*

Requirements I: Software developments

16:15 - 16:40 MeerKAT software developments (Jasper Horrell)
16:40 - 17:05 LOFAR transients pipeline (John Swinbank)
17:05 - 17:30 EVLA software developments (James Miller-Jones)
17:30 - 17:55 MeerKAT simulations (Ian Heywood)
17:55 - 18:15 Discussion on software developments
(Chair: James Miller-Jones)

19:30 Dinner at Kassiesbaai

Wednesday 20 April

Requirements II: Real-time reporting and commensality

09:30 - 09:55 VOEventNet/CRTS (Andrew Drake)
09:55 - 10:20 Commensality with SWATS/Apertif (Martin Bell)
10:20 - 10:40 Discussion on requirements (Chair: James Miller-Jones)

10:40 *Coffee/Tea*

Multi-wavelength coordination

11:00 - 11:25 SALT status update (David Buckley)
11:25 - 11:50 Infrared Survey Facility (Takahiro Nagayama)
11:50 - 12:15 Optical Transient Surveys (Paul Groot)
12:15 - 12:40 Multi-wavelength science of compact binaries
(Danny Steeghs)
12:40 - 13:00 Discussion on Multi-wavelength coordination
(Chair: Matthew Church)

13:00 - 14:00 *Lunch*

Multi-wavelength / Science with KAT-7

14:00 - 14:25 Status of ALMA and synergies with ThunderKAT
(Anthony Rushton)
14:25 - 14:50 Fermi Transients (Stéphane Corbel)
14:50 - 15:15 GRBs with MeerKAT/KAT-7 (Ralph Wijers)

15:15 *Coffee/Tea*

15:30 - 19:00 Optional: Afternoon excursion to Cape Agulhas,
The southern-most point of the African continent

19:00 Dinner at the hotel (wine cellar)

Thursday 21 April

Science with KAT-7 (continued)

- 09:30 - 09:55 First observations with KAT-7 (Simon Ratcliffe)
09:55 - 10:20 ThunderKAT-7 (Mickael Coriat)
10:20 - 10:45 Discussion on Science with KAT-7 (Chair: Ralph Wijers)

10:45 Coffee/Tea

Early results from affiliated surveys

- 11:10 - 11:35 Transients with LOFAR (Martin Bell)
11:35 - 12:00 A LOFAR image of SS433/W50 (Jess Broderick)
12:00 - 12:30 Summary and discussion on way forward
(Chair: Patrick Woudt and Rob Fender)

12:30 - 14:00 *Lunch*

Return to Cape Town

