

Mopra Telescope Access Agreement Year 2

Observing Schedule

THE UNIVERSITY OF
NEW SOUTH WALES



CSIRO

Key Points: I

- Two access agreements:
 - CSIRO – UNSW
 - CSIRO – NAOJ
- Three time allocating bodies:
 - UNSW, NAOJ, CSIRO
- 8 weeks available to “UNSW” in winter season
 - Apr-Oct
 - Mopra (‘M’) project codes to be used.
- Additional 2 weeks in recognition of UNSW contributions outside this time (Mar, Nov).
- 12 weeks NAOJ time + 8 weeks CSIRO time (inc. LBA)
 - Also include open-call for CSIRO time.
- Upto 4 additional weeks outside mm-season for LBA
- All allocations likely to be in 3 week blocks, starting 10:00am AEST on a weekday
 - Remote observations, inc. from Marsfield + Narrabri, but without CSIRO support.
 - No compensation for poor weather, instrumental failures.
 - Probably 3-day maintenance period after each 3-week block.



Key Points: II

- UNSW is acting on behalf of the Australian Nanten2 consortium, however it is not obliged to.
 - Hence “UNSW++”-time
 - Financial contributions only made by UNSW + Adelaide
 - Additional partners might join by adding to the UNSW contribution (*but haven't.....*)
- CSIRO support confined to maintenance of essential infrastructure, data archiving, documentation.
 - Critical problems must be referred to the Narrabri Observatory Site Manager (office hours) or the Duty Astronomer (after hours).



Key Points: III

- CSIRO will avoid allocating time which overlaps ongoing UNSW programs.
- UNSW programs may not repeat any observations conducted by non-UNSW groups within 18 months of the observation.
- Data remains the property of CSIRO and will be placed in the telescope archive (ATOA).
 - UNSW retains exclusive rights for 18 months from date of observation.
- Acknowledgement on all papers to CSIRO + UNSW + Adelaide + NAOJ is required.



UNSW++ Time Mopra Proposals

- To be lead by Consortium members
 - Can involve people from outside the consortium.
 - Consortium Lead takes responsibility for internal scheduling.
- 2-page proposals (max!)
 - ~1 page science, ~1 page technical details (inc. Figures).
 - Include report on 2013 observations, including publications.
- Significant section on required observations
 - Observing time needed (hours per transit X # transits)
 - LST (rise/set), Mode (OTF, Point), RX, correlator mode
- Will go to CSIRO for archiving + assigning “M”-codes
- UNSW++ receives 8+2 weeks
 - Bulk to be used for CO survey + TeV γ -ray – cosmic ray projects
 - (i.e. the 14 hour shifts between Burton & Rowell)



2014 Schedule

- Currently UNSW++ allocated Mar 20-31.
- Possibility of change to computer access arrangements??