

CTA-Australia Funding for CTA



ARC

- LIEF #1 2015 for CTA pre-production ~\$450k
 - LIEF #2 2017-2021 for CTA construction, software & support ~\$450k/yr
 - LIEF #3 2021-2024 construction, software, optical polarimeter ~ \$600k/yr
- Adelaide, WSU, UNSW, Sydney, Monash, ANU, Curtin, Nagoya, MPIK, Armagh Obs. [Paperwork signed!](#)

→ ~2 MEuro for construction 2015-2024 (cash + in-kind)
450 kEuro transferred to CTAO for 'common' construction
(2019 250kEuro + 2021 200kEuro)

NCRIS/AAL

1. CTAO membership ~ 55kEuro/yr (since 2017)
 - CTAO Council membership
 - CTAO-ERIC BGR membership
 - CTAO-ERIC membership as a 3rd party

AAL will continue funding into FY 2023/24

2. Australia's science engagement in CTAC ~ \$100k/yr (since 2015)
 - travel to international CTAC meetings (60%)
 - facilitate MWL linkages in Australia & local CTA-Oz meetings (40%)

AAL funding until FY 2020/21 (~\$50k remaining) → Replace by LIEF #4

Secondments of Interest

- P02.1 - Deputy Project Scientist:
 - Write SKAO - CTAO white paper
 - Coordinate MWL activities / arrange MWL observations
- P02.3 - Data Challenges Junior Scientist (→ Sabrina - preference):
 - Coordinate / prepare upcoming data challenge
 - Technical support with IRF production, simulation (including realistic scenarios with bad weather, broken pixels etc), ...
 - Overlaps with current / future involvement in analysis tools
- P02.6 - Simulation Scientist (→ Sabrina - backup):
 - Support running simulations
 - Support implementing divergent pointing
 - More service work and cannot really be re-used for our interests here
- P06.X.X - Computing:
 - Lots of different positions, especially in system engineering with IT and computer science background
 - Possibly funded by AAL and from their pool of IT people

Contact Gavin Rowell or Sabrina Einecke if you're interested!

Discussion notes:

- LIEF #4: Add some support for radio astronomy facilities
e.g. ATCA upgrades or usage (~A\$100k)
and/or industry opportunity (e.g. Pentalyd licence? ~\$50k)
- CTAO secondments: Typically looking at 0.1 to 0.2 FTE per
Secondment. Ideally remote work is preferred.

See CTAO Secondment Opportunities website

<https://www.cta-observatory.org/jobs/ctao-secondments/>

- Next CTA-Oz meeting in Perth (Curtin)?