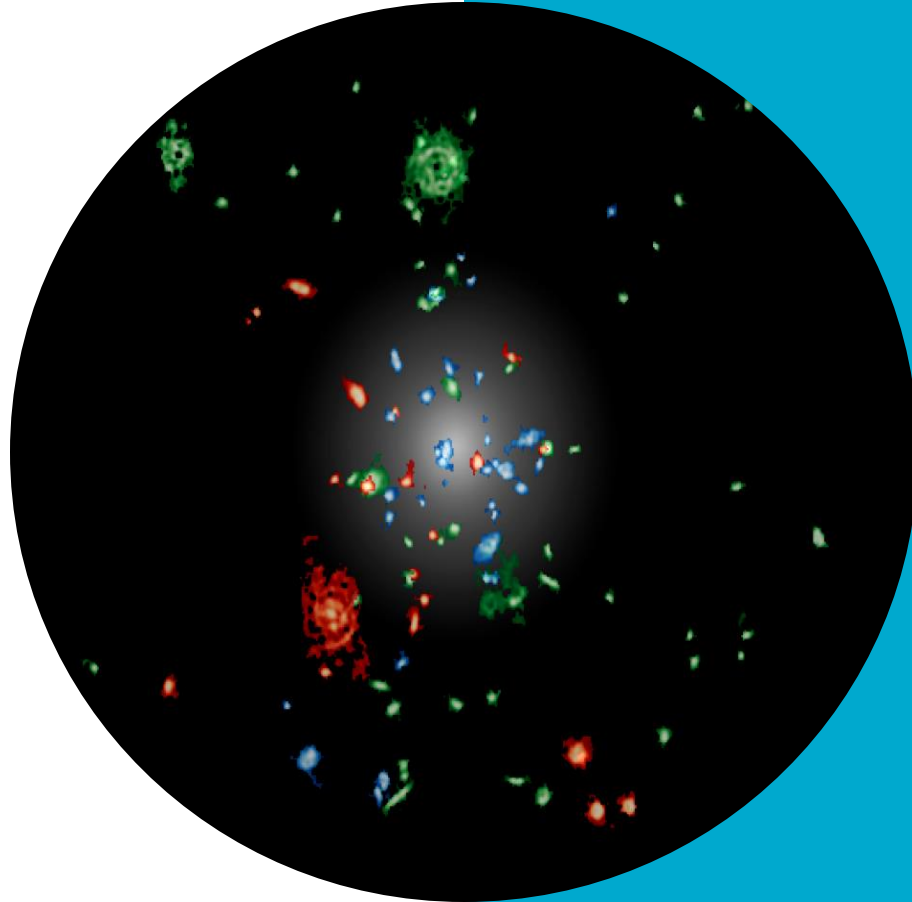




Director's update

Douglas Bock

ATUC | 4 April 2022





ATUC membership

Thank you to:

- Nick Pingel
- James Leung
- Yuanming Wang



Prize

Dr
**Keith
Bannister**

**Pawsey
Medal**





RFI 2022

LIVE



Radio frequency interference mitigation for astronomy with phased array feeds

Supervisors: Prof. Tara Murphy - University of Sydney, Sydney Institute for Astronomy
Dr. Aaron Chippendale - CSIRO, Space and Astronomy

- ASKAP, PAF
- Unwanted Signal
 - Spatial Signatures
- Beamforming and Weights
- Spatial Nulling using Projection Techniques
 - Forward Predictions

Lirou Lourenço
lirou.lourenco@sydney.edu.au
lirou.lourenco@csiro.au



Adaptive Compensation for Interleaving Artefacts in Multi-Converter ADCs for Radio Astronomy

Samantha Gordon and John Tuthill

Australia's National Science Agency



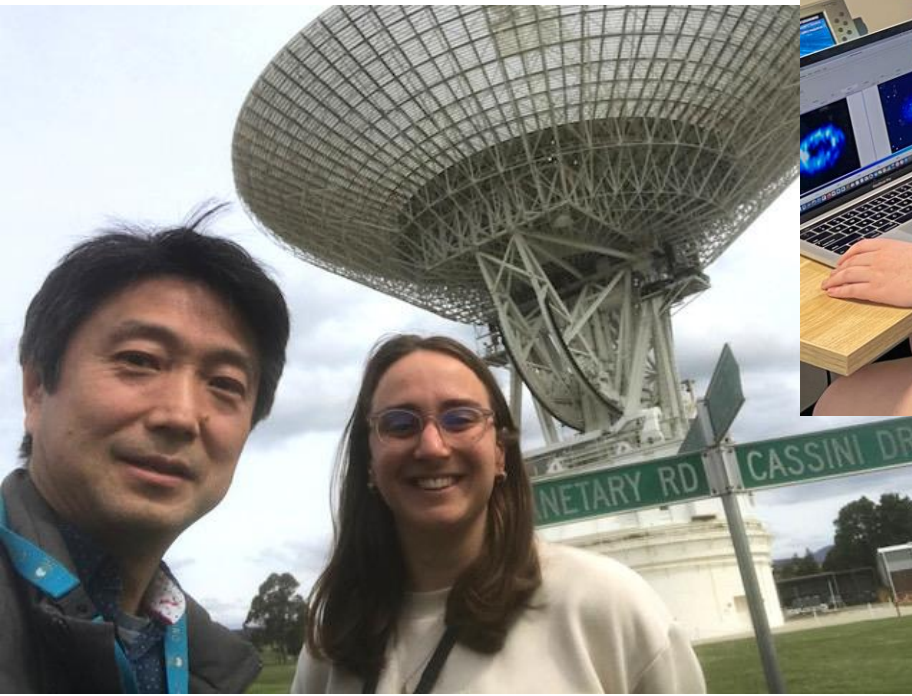


VLBI in the SKA Era





Summer students





ATUC report

- Incorporate name 'Murriyang' into ATNF website
- Establish clear timelines for BIGCAT and National Facility support model update

Director's response

- Ongoing, in line with comms strategy. See Stacy Mader's talk.
- Project delays are being managed, see Chris Phillips' talk. Support model testing has commenced and ATUC feedback welcomed, see Jimi Green's talk.



ATSC recommendations

- That CSIRO seek to ensure that the Australian SKA regional centre is operated as a national facility that serves science users based on merit and consistent with the allocation of resources at other facilities such as the ATNF, MWA and future SKA programs.



Feedback welcome!

- Open Session format
 - More, shorter talks
 - Breakout discussions
- Update presentations
 - Technologies: upgrade projects
 - ASKAP and archives: more science data in the hands of more scientists
 - Future: training and University relationships



Thank you