

**MWA Call for Proposals**  
**01/03/2013**

To: Prospective users of the Murchison Widefield Array (MWA)

From: MWA Director (Prof. Steven Tingay)

This document constitutes the first MWA Call for Proposals. The steps leading to this first Call for Proposals are described in the document "[First Announcement of Opportunity and call for Expressions of Interest as steps toward first Call for Proposals](http://www.mwatelescope.org)" (the AO), available at <http://www.mwatelescope.org>. As of the release of this Call for Proposals:

- The Expression of Interest stage has been completed (January/February 2013);
- The informal Expression of Interest/pre-operations meeting on February 25/26 has been held (written summary available from <http://mwatelescope.org>).

Information for prospective MWA users is contained in the AO. This information has not changed since the AO was issued in December 2012. Prospective users are encouraged to read the AO before preparing a proposal for MWA observing time.

This Call for Proposals is for the allocation of 600 hours of observing time in the Guaranteed Time category, during the period July 2013 to December 2013 (as detailed in the AO). This observing period is now designated 2013-B. Proposals for observing time in the Open Access category will not be accepted at this call, but will be accepted at subsequent calls, from September 2013.

Please complete the following proposal template, adhering to the page limits indicated (minimum font size of 12 pt). Send the completed form as a PDF file to the MWA Director, as indicated on the form. Please adopt the file name convention for the PDF as follows:

FIRST.LAST.X.2013-Bpdf

Where:

FIRST = lead author first name (capitalised)

LAST = lead author last name (capitalised)

X = project number for this lead author, starting from 1 (i.e. if the lead author submits proposals for more than one project, X=1, 2, 3, ..... etc)

To: MWA Director  
Prof. Steven Tingay, Curtin University  
[S.Tingay@curtin.edu.au](mailto:S.Tingay@curtin.edu.au)

From: **[INSERT PROPOSAL LEAD INVESTIGATOR NAME HERE]**

RE: Proposal for MWA observing time (July 2013 – December 2013)

### **Part A – Team information**

Title of proposal:

Area(s) of MWA science (EoR; GEG; Transients; SHI):

Members of Proposal team (list names, titles and institutions):

Abstract (maximum 300 words):

### **Part B – Project Description**

Provide a description of the project (maximum of 3 pages, including figures and references). Please include:

- A scientific justification for the project;
- Information demonstrating feasibility against the MWA capabilities, in particular describing why the MWA capabilities are essential for the science proposed.

### **Part C – Technical requirements and data management**

Provide a description of the technical requirements for this project (maximum of 2 pages, including figures and references). Please include:

- A statement of the observing time required, broken down against observing mode (drift scan or pointed and tracked), observing frequencies, time of day, coordinates or any other relevant parameters;
- A description of any plans your team have to release data or data products into the public domain (particularly for projects requesting in excess of 100 hours of observation time);
- A description of your plans for processing data resulting from this proposal (particularly for projects requesting in excess of 100 hours of observation time).