

B02r **The MWA Epoch of Re-ionisation Experiment**

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The Murchison Widefield Array has been fully operating at Boolardy in Western Australia since 2013. Since that time over 2 Petabytes of data have been taken for the Epoch of Reionization experiment.

During this talk, the details of the approach to the data analysis will be fully described, including the issues of foreground subtraction, beam modelling and systematics from the telescope design. Latest results of that analysis will be presented.

Finally, plans for the development of the MWA with a doubling of the collecting area, and new system elements will be described.