

The GaLactic and Extragalactic All-sky MWA Survey at 300 MHz

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The Murchison Widefield Array (MWA) has over the last ten years conducted multiple surveys - most notably the GaLactic and Extragalactic All-sky MWA survey (GLEAM). GLEAM was observed at five frequencies initially, covering 72 to 231 MHz, but was also followed up by similar observations at 300 MHz. While 300 MHz MWA data have been a much more difficult calibration and imaging challenge, due to recent work by Cook et al. (2021) we have been able to begin processing the 300 MHz data and produce images over the sky visible to MWA. This poster will cover the progress of the GLEAM 300 MHz survey (tentatively GLEAM-300), showcasing the images and the catalogue being produced as part of this survey.

keywords

survey overview

In-person or online?

in-person

Career level

ECR

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