

47th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) –
The Next Steps (A4)
SETI 1: SETI Science and Technology (1)

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AN UPDATE THE AUSTRALIAN ACTIVITIES OF BREAKTHROUGH LISTEN

Abstract

Breakthrough Listen (BL) is a 10-year initiative to conduct a comprehensive search for intelligent life beyond Earth, using radio and optical telescope facilities. In Australia, BL has been observing using the 64-m Parkes radio telescope since 2016, and has recently signed an agreement with the Murchison Widefield Array to run a commensal survey at low frequencies. In this talk, I will provide an status update of Australian BL activities. Limits and results of note from 10-cm observations of nearby stars and galaxies will be presented, along with details of ongoing Galactic plane observations at 20-cm wavelength. The talk will conclude with future plans and directions.