

Abstract Submitted
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Results from a MHz gravitational wave search using the Fermilab Holometer BRITTANY KAMAI, California Institute of Technology, THE HOLOMETER COLLABORATION COLLABORATION — The Fermilab Holometer, two nested 40 meter Michelson interferometers, has extended the accessible gravitational wave frequency range from kHz to a broad range of MHz frequencies. I will present results from a 130-hr campaign that measured the energy density of gravitational waves in the MHz band. Additionally, this dataset was used to place constraints on the abundance of primordial black hole binaries.

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