

Abstract Submitted
for the APR06 Meeting of
The American Physical Society

Stackslide search for continuous gravitational waves using LIGO S4 data GREGORY MENDELL, LIGO Hanford Observatory, ON BEHALF OF THE LIGO SCIENTIFIC COLLABORATION — The LIGO Scientific Collaboration has developed several methods to search for continuous gravitational-wave signals, for example from rotating asymmetric neutron stars. We present an overview of the Stackslide method, and a status report on its application to LIGO data taken during the fourth science run (S4). Progress on plans to incorporate this method into future hierarchical searches will also be presented.

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Date submitted: 12 Jan 2006

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