

Abstract Submitted
for the APR08 Meeting of
The American Physical Society

Results from the Einstein@Home search of the LIGO S4 data set

BRUCE ALLEN¹, Albert Einstein Institute, Hannover, Germany & U. Wisconsin – Milwaukee, LIGO SCIENTIFIC COLLABORATION — We present the results of an all-sky blind search for continuous gravitational waves generated by rapidly-spinning neutron stars. The search was carried out using 510 hours of data from LIGO’s fourth science run S4, using computer time donated by the general public. Since Einstein@Home was launched in 2005, more than 100,000 volunteers have contributed over 100 million CPU hours to the project.

¹for the LIGO Scientific Collaboration.

Bruce Allen
Albert Einstein Institute, Hannover, Germany and U. Wisconsin – Milwaukee

Date submitted: 15 Jan 2008

Electronic form version 1.4