## Abstract Submitted for the APR09 Meeting of The American Physical Society

Search for bursts from cosmic (super)strings in LIGO S4 data XAVIER SIEMENS, University of Wisconsin – Milwaukee, LIGO SCIENTIFIC COLLABORATION — Cosmic (super)strings produce powerful bursts of gravitational waves that may be detectable by LIGO. In this talk I will discuss the methods and results of a search for such bursts in LIGO fourth science run (S4) data.

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