



VANDERBILT UNIVERSITY

Department of Physics and Astronomy

Nuclear and Particle Physics Seminar

Monday, March 28

12:30pm-1:30pm

Stevenson Center, Room 6333

Brian O'Reilly

California Institute of Technology



CALTECH



Recent Progress at LIGO

The LIGO project consists of three interferometers, two at Hanford, WA, and one at Livingston, LA. An overview of the LIGO project and the steps which have recently been taken to approach the design sensitivity will be presented. Recent improvements in the seismic isolation at Livingston have enabled 24 hour operation of the interferometer, which has been tested during our just completed fourth science run.

<http://www.hep.vanderbilt.edu/seminar>