

Abstract Submitted  
for the APR16 Meeting of  
The American Physical Society

**Astrophysical Implications Drawn from Advanced LIGO's First Observing Run** DANIEL HOLZ, University of Chicago, GIJS NELEMANS, Radboud University Nijmegen, LIGO SCIENTIFIC COLLABORATION, VIRGO COLLABORATION — Following a major instrumentation upgrade, the Advanced LIGO detectors recently completed the first observing run. In this talk I will highlight constraints expected to be drawn from the analysis of this observational data set, in the context of astrophysical models for the formation and eventual mergers of binary compact objects in a wide range of stellar environments.

Vassiliki Kalogera  
Northwestern Univ

Date submitted: 28 Mar 2016

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