

Abstract Submitted  
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**Searching for Gravitational Waves from Scorpius X-1 in Advanced LIGO Data**<sup>1</sup> YUANHAO ZHANG, Rochester Inst of Tech, LSC AND THE VIRGO COLLABORATION — The low-mass X-ray binary Scorpius X-1 (Sco X-1) is considered to be one of the most promising continuous gravitational-wave(GW) sources for ground-based detectors. The improved sensitivity of advanced detectors and multiple improved search methods bring us closer to detecting an astrophysically feasible GW signal from Sco X-1. I will present an update on the search for GWs from Sco X-1 in data from Advanced LIGO's first observing run (O1).

<sup>1</sup>on behalf of The LSC and the Virgo Collaboration

Yuanhao Zhang  
Rochester Inst of Tech

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