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Abstract for an Invited Paper for the APR20 Meeting of the American Physical Society

Compact Binaries in Advanced LIGO's Third Observing Run¹

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Advanced LIGO and Virgo began their third observing run in April 2019 and will continue observing through the end of April 2020. The data taken during this period is the most sensitive gravitational wave data ever and is providing an incredible ability to survey our nearby universe for gravitational wave sources. I will report on the status of gravitational wave searches for compact binaries containing neutron stars and black holes during this third observing run.

¹National Science Foundation