

**Publications of the collaborations GEO600, LIGO and Virgo**

175) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**Search for Subsolar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run**

Group Author(s): LIGO Sci Collaboration; LIGO Sci Collaboration; Virgo Collaboration

PHYSICAL REVIEW LETTERS Volume: 121 Issue: 23 Article Number: 231103

Published: DEC 7 2018

174) Acernese, F.; Adams, T.; Agatsuma, K.; et al.

**Calibration of advanced Virgo and reconstruction of the gravitational wave signal  $h(t)$  during the observing run O2**

Group Author(s): Virgo Collaboration

CLASSICAL AND QUANTUM GRAVITY Volume: 35 Issue: 20 Article Number: 205004

Published: OCT 25 2018

173) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**GW170817: Measurements of Neutron Star Radii and Equation of State**

Group Author(s): LIGO Sci Collaboration; Virgo Collaboration

PHYSICAL REVIEW LETTERS Volume: 121 Issue: 16 Article Number: 161101

Published: OCT 15 2018

172) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background**

Group Author(s): LIGO Sci Collaboration; Virgo Collaboration

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Published: MAY 16 2018

171) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**Full band all-sky search for periodic gravitational waves in the O1 LIGO data**

Group Author(s): LIGO Sci Collaboration; Virgo Collaboration

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Published: MAY 11 2018

170) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**Constraints on cosmic strings using data from the first Advanced LIGO observing run**

Group Author(s): LIGO Sci Collaboration; Virgo Collaboration

PHYSICAL REVIEW D Volume: 97 Issue: 10 Article Number: 102002

Published: MAY 8 2018

169) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA**

Group Author(s): KAGRA Collaboration; LIGO Sci Collaboration; LIGO Sci Collaboration; et al.

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Published: APR 26 2018

168) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.

**Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO's first observing run**

Group Author(s): LIGO Sci Collaboration; LIGO Sci Collaboration; Virgo Collaboration

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**All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run**

Group Author(s): LIGO Sci Collaboration; LIGO Sci Collaboration; Virgo Collaboration

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- 166) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.  
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- 165) Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.  
**First Search for Nontensorial Gravitational Waves from Known Pulsars**  
Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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**First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data**  
Group Author(s): LIGO Scientific Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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**Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817**  
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**Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory**  
Group Author(s): ANTARES Collaboration; IceCube Collaboration; Pierre Auger Collaboration; et al.

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Group Author(s): LIGO Sci Collaboration & Virgo; Fermi GBM; INTERGRAL; et al.

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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration; Fermi Gamma-ray Burst Monitor; et al.

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Group Author(s): LIGO Sci Collaboration & Virgo

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Group Author(s): LIGO Scientific Collaboration; Virgo Collaboration

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**Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube**

Group Author(s): ANTARES Collaboration; IceCube Collaboration; LIGO Sci Collaboration; et al.

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**Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO**

Group Author(s): LIGO Sci Collaboration; Virgo Collaboration

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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; LIGO Sci Collaboration; Virgo Collaboration  
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**First Search for Gravitational Waves from Known Pulsars with Advanced LIGO**

Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; VIRGO Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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Group Author(s): LIGO Sci Collaboration; Virgo Collaboration  
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