

Scientific publications

B. P. Abbott et al. (LIGO Scientific Collaboration and Virgo Collaboration)
Observation of gravitational waves from a binary black hole merger
Physical Review Letters, Volume 116, Issue 6, 061102 (2016)
Electronic pre-print: <https://journals.aps.org/prl/pdf/10.1103/PhysRevLett.116.061102>

G. Mazzolo et al.
Prospects for intermediate mass black hole binary searches with advanced gravitational-wave detectors
Physical Review D, Volume 90, Issue 6, 063002 (2014)
Electronic pre-print: <https://arxiv.org/abs/1404.7757>

J. Aasi et al. (LIGO Scientific Collaboration and Virgo Collaboration)
Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run
Physical Review D, Volume 89, Issue 12, 122003 (2014)
Electronic pre-print: <https://arxiv.org/abs/1404.2199>

Aasi et al. (LIGO Scientific Collaboration, Virgo Collaboration and NINJA-2 Collaboration)
The NINJA-2 project: Detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations
Classical and Quantum Gravity, Volume 31, Number 11, 115004 (2014)
Electronic pre-print: <https://arxiv.org/abs/1401.0939>

J. Abadie et al. (LIGO Scientific Collaboration and Virgo Collaboration)
All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run
Physical Review D, Volume 85, Issue 12, 122007 (2012)
Electronic pre-print: <https://arxiv.org/abs/1202.2788>

S. Klimenko et al.
Localization of gravitational wave sources with networks of advanced detectors
Physical Review D, Volume 83, Issue 10, 102001 (2011)
Electronic pre-print: <https://arxiv.org/abs/1101.5408>

M. Cerdonio et al.
Effects of interplanetary dust on the LISA drag-free constellation
Celestial Mechanics and Dynamical Astronomy, Volume 107, Issue 1, page 255 (2010)
Electronic pre-print: <https://arxiv.org/abs/1002.0489>

M. Cerdonio et al.
Modulation of LISA free-fall orbits due to the Earth-Moon system
Classical and Quantum Gravity, Volume 27, Number 16, 165007 (2010)
Electronic pre-print: <https://arxiv.org/abs/1003.5528>

Note 1: I am a co-author of various papers on gravitational-wave astronomy published by the LIGO Scientific Collaboration and the Virgo Collaboration. The full list, also including the above papers, is available at:
<http://inspirehep.net/search?ln=en&p=author%3AG.Mazzolo.1&jrec=1>

Note 2: I am a co-author of the following working paper on a methodology for the quantitative assessment of the performance of science communication campaigns: <https://doi.org/10.5281/zenodo.6985584>