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Publication List (as of July 2007)

Journal publications (submitted)

- [8] The LIGO Collaboration, "Search for gravitational-wave bursts in LIGO data from the fourth science run", arXiv:0704.0943 (submitted to Class Quant Grav)
- [7] F. Beauville et al., "Detailed comparison of LIGO and Virgo Inspiral Pipelines in Preparation for a Joint Search", arXiv:gr-qc/0701027 (submitted to Class Quant Grav)
- [6] F. Beauville et al., "A comparison of methods for gravitational wave burst searches from LIGO and Virgo", arXiv:gr-qc/0701026 (submitted to Class Quant Grav)
- [5] The LIGO Collaboration, "Search for gravitational wave radiation associated with the pulsating tail of the SGR 1806-20 hyperflare of December 27, 2004 using LIGO", astro-ph/0703419 (accepted for publication by Phys Rev D)
- [4] The LIGO Collaboration, "Search for gravitational waves from binary inspirals in S3 and S4 LIGO data", arXiv:0704.3368 (submitted to Phys Rev D)
- [3] The LIGO Collaboration, "Upper Limits on Gravitational Wave Emission from 78 Radio Pulsars", gr-qc/0702039 (accepted for publication to Phys Rev D)
- [2] The LIGO Collaboration, "Upper limit map of a background of gravitational waves", astro-ph/0703234 (submitted to Phys Rev D)
- [1] The LIGO Collaboration, "Coherent searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: results from the second LIGO science run", gr-qc/0605028 (accepted for publication by Phys Rev D)

Refereed journal publications

- [73] The LIGO Collaboration, "Searching for a stochastic background of gravitational waves with LIGO", *Astrophys J* 659, 918-930 (2007)
- [72] The LIGO and ALLEGRO Collaborations, "First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds", *Phys Rev D* 76 022001 (2007)
- [71] F. Beauville et al., "Benefits of joint LIGO-Virgo coincidence searches for burst and inspiral signals", *J Phys Conf Ser* 32, 212 (2006)
- [70] The LIGO Collaboration, "Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries", *Phys Rev D* 73, 102002 (2006)
- [69] The LIGO Collaboration, "Search for gravitational-wave bursts in LIGO's third science run", *Class Quant Grav* 23, S29-S39 (2006)
- [68] The LIGO Collaboration, "Search for gravitational waves from binary black hole inspirals in LIGO data", *Phys Rev D* 73, 062001 (2006)
- [67] The LIGO Collaboration, "Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts", *Phys Rev D* 72, 122004 (2005)
- [66] The LIGO Collaboration, "First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform", *Phys Rev D* 72, 102004 (2005)
- [65] E Katsavounidis and S Ballmer, "For how long will gravitational waves remain hidden?", *Phys Lett A* 347, 33-37 (2005)
- [64] The LIGO Collaboration, "Upper limits on a stochastic background of gravitational waves", *Phys Rev Lett* 95, 221101 (2005)
- [63] The LIGO Collaboration, "Search for gravitational waves from galactic and extra-galactic binary neutron stars", *Phys Rev D* 72, 082001 (2005)

- [62] The LIGO Collaboration, "Search for gravitational waves from primordial black hole binary coalescences in the galactic halo", *Phys Rev D* 72, 082002 (2005)
- [61] F Beauville et al., "A First comparison between LIGO and Virgo inspiral search pipelines", *Class Quant Grav* 22, S1149-S1158 (2005)
- [60] F Beauville et al., "A First comparison of search methods for gravitational wave bursts using LIGO and Virgo simulated data", *Class Quant Grav* 22, S1293-S1302 (2005)
- [59] The LIGO Collaboration, "Upper limits on gravitational wave bursts in LIGO's second science run", *Phys Rev D* 72, 062001 (2005)
- [58] The LIGO Collaboration, "A Search for gravitational waves associated with the gamma ray burst GRB030329 using the LIGO detectors", *Phys Rev D* 72, 042002 (2005)
- [57] The LIGO Collaboration, "Limits on gravitational wave emission from selected pulsars using LIGO data", *Phys Rev Lett* 94, 181103 (2005)
- [56] The MACRO Collaboration, "Search for stellar gravitational collapses with the MACRO detector", *Eur Phys J C* 37, 265-272 (2004)
- [55] S Chatterji, L Blackburn, G Martin and E Katsavounidis, "Multiresolution techniques for the detection of gravitational-wave bursts", *Class Quant Grav* 21, S1809-S1818 (2004)
- [54] The LIGO Scientific Collaboration, "Detector description and performance for the first coincidence observations between LIGO and GEO", *Nucl Instrum Meth A* 517, 154-179 (2004)
- [53] The MACRO and EASTOP Collaborations, "The cosmic ray primary composition between 10^{15} and 10^{16} eV from Extensive Air Showers electromagnetic and TeV muon data", *Astropart Phys* 20, 641-652 (2004)
- [52] The LIGO Scientific Collaboration, "Upper limits on the strength of periodic gravitational waves from PSR J1939+2134", *Class Quant Grav* 21, S671-S676 (2004)
- [51] P. Sutton et al., "Plans for the LIGO-TAMA joint search for gravitational wave bursts", *Class Quant Grav* 21, S1801-S1807 (2004)
- [50] The LIGO Scientific Collaboration, "Setting upper limits on the strength of periodic gravitational waves from PSR J1939+2134 using the first science data from the GEO 600 and LIGO detectors", *Phys Rev D* 69, 082004 (2004)
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- [48] The LIGO Scientific Collaboration, "First upper limits from LIGO on gravitational wave bursts", *Phys Rev D* 69, 102001 (2004)
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- [46] The LIGO Scientific Collaboration, "Analysis of LIGO data for gravitational waves from binary neutron stars", *Phys Rev D* 69, 122001 (2004)
- [45] The MACRO Collaboration, "Measurements of atmospheric muon neutrino oscillations, global analysis of the data collected with MACRO detector", *Eur Phys J C* 36, 323-339 (2004)
- [44] L Cadonati, E Katsavounidis, "Status of the search for gravitational wave bursts with the LIGO detectors", *Class Quant Grav* 20, S633-S643 (2003)
- [43] The MACRO Collaboration, "Atmospheric neutrino oscillations from upward through going muon multiple scattering in MACRO", *Phys Lett B* 566, 35-44 (2003)
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