

Liste des principales publications

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1 Journaux à comité de lecture

- [1] J. Aasi et al. Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. *Phys.Rev.*, D91(2) :022003, 2015.
- [2] F. Acernese et al. Advanced Virgo : a 2nd generation interferometric gravitational wave detector. *Class.Quant.Grav.*, 32 :024001, 2015.
- [3] M.G. Aartsen et al. Multimessenger search for sources of gravitational waves and high-energy neutrinos : Initial results for LIGO-Virgo and IceCube. *Phys.Rev.*, D90(10) :102002, 2014.
- [4] J. Aasi et al. Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009 2010 LIGO and Virgo Data. *Phys.Rev.Lett.*, 113(23) :231101, 2014.
- [5] J. Aasi et al. First all-sky search for continuous gravitational waves from unknown sources in binary systems. *Phys.Rev.*, D90 :062010, 2014.
- [6] J. Aasi et al. Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO600, LIGO, and Virgo detectors. *Phys.Rev.*, D89(12) :122004, 2014.
- [7] J. Aasi et al. Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. *Phys.Rev.*, D89(12) :122003, 2014.
- [8] J. Aasi et al. Search for gravitational waves associated with γ -ray bursts detected by the Interplanetary Network. *Phys.Rev.Lett.*, 113(1) :011102, 2014.
- [9] J. Aasi et al. Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005-2010. *Phys.Rev.*, D89(10) :102006, 2014.
- [10] J. Aasi et al. Implementation of an $\mathcal{F}$ -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. *Class.Quant.Grav.*, 31 :165014, 2014.
- [11] T. Accadia et al. Reconstruction of the gravitational wave signal $h(t)$ during the Virgo science runs and independent validation with a photon calibrator. *Class.Quant.Grav.*, 31 :165013, 2014.
- [12] J. Aasi et al. The NINJA-2 project : Detecting and characterizing gravitational wave-forms modelled using numerical binary black hole simulations. *Class.Quant.Grav.*, 31 :115004, 2014.

2 Actes de conférences

- [13] Accadia et al. Calibration and reconstruction of the gravitationnal wave strain $h(t)$ during VSR1. In *Proceedings of the 8th Amaldi conference (2007) - Accepted in JPCS*, 2009.
- [14] Rolland et al. Status of Virgo. In *XXXXIVth Rencontres de Moriond - High Energy Phenomena in the Universe, La Thuile, March 2009*, 2009.
- [15] E. Moulin and H.E.S.S. Collaboration. Search for a Dark Matter annihilation signal from the Sagittarius dwarf galaxy with H.E.S.S. *ArXiv e-prints*, November 2007.
- [16] L. Rolland and H.E.S.S. Collaboration. Observations of the Galactic Centre source with H.E.S.S. In F. Casoli, T. Contini, J. M. Hameury, & L. Pagani, editor, *SF2A-2005 : Semaine de l'Astrophysique Francaise*, pages 467–+, December 2005.
- [17] L. Rolland and H.E.S.S. Collaboration. Off-axis performances of semi-analytical model analysis with the H.E.S.S. experiment. In F. A. Aharonian, H. J. Völk, & D. Horns, editor, *High Energy Gamma-Ray Astronomy*, volume 745 of *American Institute of Physics Conference Series*, pages 715–720, February 2005.
- [18] L. Rolland, M. de Naurois, and H.E.S.S. Collaboration. Off-axis performances of semi-analytical model analysis with the. In F. A. Aharonian, H. J. Völk, & D. Horns, editor, *High Energy Gamma-Ray Astronomy*, volume 745 of *American Institute of Physics Conference Series*, pages 715–720, February 2005.
- [19] L. Rolland and H.E.S.S. Collaboration. Model-based analysis of the Galactic Centre with H.E.S.S. during Summer 2003. In F. A. Aharonian, H. J. Völk, & D. Horns, editor, *High Energy Gamma-Ray Astronomy*, volume 745 of *American Institute of Physics Conference Series*, pages 397–402, February 2005.
- [20] L. Rolland and H.E.S.S. Collaboration. Spectrum and variability of the VHE Galactic Centre source observed with H.E.S.S. In *International Cosmic Ray Conference*, volume 4 of *International Cosmic Ray Conference*, pages 109–+, 2005.
- [21] L. Rolland, M. Naurois, J. Raux, and H.E.S.S. Collaboration. First Results From the HESS Experiment with an Analysis Method Based on a Semi-analytical Shower Model. In F. Combes, D. Barret, T. Contini, F. Meynadier, & L. Pagani, editor, *SF2A-2004 : Semaine de l'Astrophysique Francaise*, pages 389–+, December 2004.