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Papers (short authorlist)

20. Kanchan Soni, **Aditya Vijaykumar**, Sanjit Mitra Assessing the potential of LIGO-India in resolving the Hubble Tension Submitted to CQG, arXiv:2409.11361.

19. Avinash Tiwari, **Aditya Vijaykumar**, Shasvath J. Kapadia, Sourav Chatterjee, Giacomo Fragione

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- 17. Sreejith Nair, **Aditya Vijaykumar**, Sudipta Sarkar Bounds on the charge of the graviton using gravitational wave observations JCAP 11 (2024) 004, arXiv:2405.05038.
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- 15. Mukesh Kumar Singh, Shasvath J. Kapadia **Aditya Vijaykumar**, Parameswaran Ajith Impact of higher harmonics of gravitational radiation on the population inference of binary black holes

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- 14. Kruthi Krishna, **Aditya Vijaykumar**, Apratim Ganguly, et al Accelerated parameter estimation in Bilby with relative binning arXiv:2312.06009.
- Aditya Vijaykumar, Maya Fishbach, Susmita Adhikari, Daniel E. Holz Inferring host galaxy properties of LIGO-Virgo-KAGRA's black holes ApJ 972 157, arXiv:2312.03316.
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9. Adhrit Ravichandran, **Aditya Vijaykumar**, Shasvath J. Kapadia, Prayush Kumar Rapid Identification and Classification of Eccentric Gravitational Wave Inspirals with Machine Learning

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8. Srashti Goyal, **Aditya Vijaykumar**, Jose Maria Ezquiaga, Miguel Zumalacarregui *Probing lens-induced gravitational-wave birefringence as a test of general relativity* Phys. Rev. D 108, 024052, arXiv:2301.04826.

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Impact of updated Multipole Love and f-Love Universal Relations in context of Binary Neutron Stars

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6. Aditya Vijaykumar, Shasvath J. Kapadia, Parameswaran Ajith

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2. Aditya Vijaykumar, M. V. S. Saketh, Sumit Kumar, Parameswaran Ajith, Tirthankar Roy Choudhury

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3. Abbott et al. (LIGO Scientific and Virgo Collaborations)

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