

IberiCOS 2022



Contribution ID : 38

Type : not specified

Forecasting $F(Q)$ cosmology with Λ CDM background using standard sirens

Thursday, 5 May 2022 11:45 (15)

Forecast constraints for a Symmetric Teleparallel Gravity model with a Λ CDM background are made using forthcoming ground and space based gravitational waves observatories. A Bayesian analysis resorting to generated mock catalogs shows that LIGO is not expected to be able to distinguish this model from Λ CDM, while both LISA and the ET will, with the ET outperforming LISA. We also show that low redshift events are favored in order to improve the quality of the constrains.

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