Publication List

My full listing on INSPIRE-HEP is available here.

Measuring the dark matter environments of black hole binaries with gravitational waves
 A. Coogan, G. Bertone, D. Gaggero, B. J. Kavanagh, D. A. Nichols
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7. Measuring the local Dark Matter density in the laboratory

B. J. Kavanagh, T. Emken, R. Catena Submitted to Phys. Rev. Lett., arXiv:2004.01621 Code available here (archived on Zenodo) and here

8. Detecting dark matter around black holes with gravitational waves: Effects of dark-matter dynamics on the gravitational waveform

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 $9.\ Impact\ of\ substructure\ on\ local\ dark\ matter\ searches$

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G. Bertone, D. Croon, M. A. Amin, K. K. Boddy, **B. J. Kavanagh**, K. J. Mack, P. Natarajan, T. Opferkuch, K. Schutz, V. Takhistov, C. Weniger, T.-T. Yu SciPost Phys. Core 3, 007 (2020), arXiv:1907.10610

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