

Towards Precision Cosmology with Galaxy Catalogues

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The increasing number of GW detections paves the road towards pinning down the values of the most important cosmological parameters, enabling us to do precision cosmology. This approach requires the careful mitigation of various systematic effects, which become more and more important as the accuracy of our cosmological inference grows. In this talk, I will present the UpGLADE galaxy catalogue, which is the most comprehensive tool for aiding GW cosmology from the electromagnetic side.

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