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Estimating the Hubble constant with GWcosmo and GW170817

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GWcosmo is a python-based package developed to estimate the Hubble constant from gravitational-wave events. In this tutorial, I will show how to install and run some basic functions of this package that can be of general interest for managing LIGO and Virgo data products for cosmological inference. Therefore, I will use the GWcosmo package to reproduce the Hubble constant measurement from the Binary neutron star event GW170817 in association with its hosting galaxy NGC4993.

Author: MASTROGIOVANNI, Simone (APC Paris diderot)

Presenter: MASTROGIOVANNI, Simone (APC Paris diderot)

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