

Second Gravi-Gamma Workshop



ID contributo: 5

Tipo: **Invited**

Einstein Telescope

giovedì 24 giugno 2021 17:15 (25 minuti)

Einstein Telescope (ET) is the pan-European project aiming to the realisation of a new generation gravitational wave observatory. ET promises a gain in sensitivity from one to some orders of magnitude with respect the current advanced detectors, with a particular attention at the low frequency band, below 10Hz. In order to achieve these performances, an innovative design and an intense technology development programme are implemented. Several are the science targets identified for ET, in astrophysics, multimessenger astronomy, nuclear and fundamental physics attracting a large and diverse scientific community in to the project. An overview of the ET project, of the technology, of the science targets and of the whole realisation process will be presented.

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Classifica Sessioni: Multi-messenger science potential with current and future detectors