

Einstein Telescope and the world of binaries

Compact object binaries are the first and so far the only gravitational wave sources discovered today. Therefore they are a certain target for ET and they will constitute a large fraction of data that will be gathered by this fantastic new tool. I will describe what we know about the population of these objects and the questions that astronomers face when analyzing them. These binaries in the ET era will serve as tools to solve multiple problems in astrophysics. I will describe the outlook of binary based physical discoveries that awaits us.