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Gravitational Wave Detectors, present and future, an introduction

I will develop briefly the existing plans of upgrade of the current detectors, their projected physics horizons, as well as the horizons of 3rd generation detectors, on earth (ET and CE) and space (LISA) including new proposals for the Moon. I will also briefly visit, the technological fronts, the multimessenger and more generally the interdisciplinary context, including climate change tasks, and finally the tasks of communication, education and engagement needed to support the ongoing GW scientific revolution.

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