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The Educational Impact of LIGO

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I describe the spectrum of educational activities span by the LIGO project. LIGO (Laser Interferometer Gravitational Wave Observatory) is an ambitious project funded by NSF and managed jointly by Caltech and MIT with the goal to detect and study gravitational waves of cosmological and astrophysical origin. The project is implemented and carried by a collaboration of a large number of scientists and institutions, which are grouped in the LIGO Scientific Collaboration (LSC). I present and discuss the different educational aspects of LIGO across the LSC collaboration and its impact at all levels of the educational pipeline from elementary school to graduate programs. I also present in some detail LIGO outreach efforts and discuss the results obtained with these activities.