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Electromagnetic facilities and observing strategies for multimessenger science: situation and future perspectives.

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In the advanced LIGO/Virgo era, a huge, world-wide effort have been put into the search of electromagnetic counteparts of gravitational wave (GW) events. Such effort has been carried out optimizing the use of the different observing facilities operating at all electromagnetic wavelengths and improving the data reduction and analysis procedures. This ultimately led to the hystorical detection and characterization of the electromagnetic counterpart of the gravitational wave event GW 170817 originated by the merger of a binary neutron star system.
In this talk I will provide a review of the current and future facilites and observational stategies for the search and follow-up of the electromagnetic counterparts of GW sources.

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