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## **The role of eXTP in the multi-messenger astronomy era**

*Wednesday, 7 July 2021 12:00 (20 minutes)*

The first detection of gravitational waves on 2015 with the Advanced LIGO and Advanced Virgo interferometers has opened a new observational window in the Universe. The last decade has also welcomed decisive discoveries in neutrino astronomy. Expected advances of gravitational wave and neutrino detectors by the end of the 2020s will mark the start of a golden era of multi-messenger astrophysics. The most promising multi-messenger sources in the high-energy sky, e.g. GRBs, AGNs, magnetars, are among the main targets for eXTP. This talk will focus on the role of eXTP in the context of multi-messenger astronomy and in particular on the synergies with gravitational wave interferometers.

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