

# High energy multi-messenger astrophysics

*Wednesday, 27 July 2022 09:00 (45 minutes)*

Multi-messenger astrophysics has emerged as a rapidly growing field of research in the last decade, providing unique new insights into the properties of high-energy astrophysical sources. Such insights have been made possible by the complementary information carried by photons, cosmic rays, neutrinos, and gravitational waves about the astrophysical environments and processes in which they are produced. In this talk, I will review key recent results and the major follow-up questions that remain to be addressed with future observations.

**Primary author:** OIKONOMOU, Foteini

**Presenter:** OIKONOMOU, Foteini

**Session Classification:** Invited reviews

**Track Classification:** invited review