

7th Heidelberg International Symposium on High-Energy Gamma-Ray Astronomy

Contribution ID: 234

Type: **Review, Highlight, or Invited talk**

Multi-messenger High-Energy Astrophysics results

Thursday, 7 July 2022 09:30 (45 minutes)

I will discuss some selected instruments, which are key for current multi-messenger results. Then I will focus on diffuse fluxes, namely the cosmogenic fluxes and galaxy fluxes, which can be better estimated through multiple messengers. I will look into more detail to some galactic sources probable cosmic-ray-gamma-ray-neutrino messengers. On extragalactic sources, I will review recent IceCube results on blazars and starburst galaxies. Finally GRBs as sources connecting gamma-rays and GWs and possibly in the future neutrinos.

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Session Classification: Review Talks