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Gamma-ray emitting binaries

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Binary systems are today well established gamma-ray emitters, and the variety of the processes responsible for this emission is a hard act to follow among any other high-energy source class. After years of faithful perspectives, extensive theoretical modelling and complex MHD simulations, GeV/TeV detectors have reported a too rich phenomenology to be predicted just a few years ago. I will review in this talk some of the most challenging highlights in binary systems in the gamma-ray domain, from orbitally modulation to orphan flares in pulsar gamma-ray binaries to gamma-rays in microquasar jet/medium interactions regions and powerful explosions in novae systems.

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