



SEMINAIRE régulier du Service d'Astrophysique

GAMMA-RAY BINARIES: VHE BEACONS IN THE GALAXY

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11h00

The gamma-ray sky at very high energies (VHE, $> 1e11$ eV) is far from barren. Observations by new facilities in the past years have revealed new, unsuspected sources with a rich phenomenology. Binaries are amongst these sources. Their VHE lightcurves are modulated on their orbital period. I will review the observations and physical processes at work in these intriguing systems. The gamma-ray binaries are likely to harbour very young neutron stars and I will discuss what the systems might teach us about the physics of relativistic pulsar winds, one of the long standing problems of high energy astrophysics.



Un café sera servi 15 minutes avant le séminaire

Ce séminaire aura lieu au CEA Saclay – Orme des Merisiers –bâtiment 709, Salle 220.