

ID 288

Tipo de Comunicación: Poster

Sesión Científica: La via lactea y sus componentes

Título: Compact Binary Millisecond Pulsars: A Panchromatic View of a Growing Neutron Star Population

Nombre (Autor que presenta): Manuel

Apellidos (Autor que presenta): Linares

Apellidos y nombre de los autores: Linares, Shahbaz, Casares, Rodriguez-Gil, Miles-Paez, Kachelriess

Resumen:

I will present a multi-wavelength overview of compact binary millisecond pulsars, as well as our latest results from the optical studies of this rapidly growing class of neutron stars. I will discuss a new method to measure neutron star masses from the radial velocities of companion stars, strongly irradiated by the pulsar wind and high-energy radiation.