

Seminario

Miércoles 11 de septiembre, 2019, 11:00 hrs (PST), Auditorio IA-Ensenada

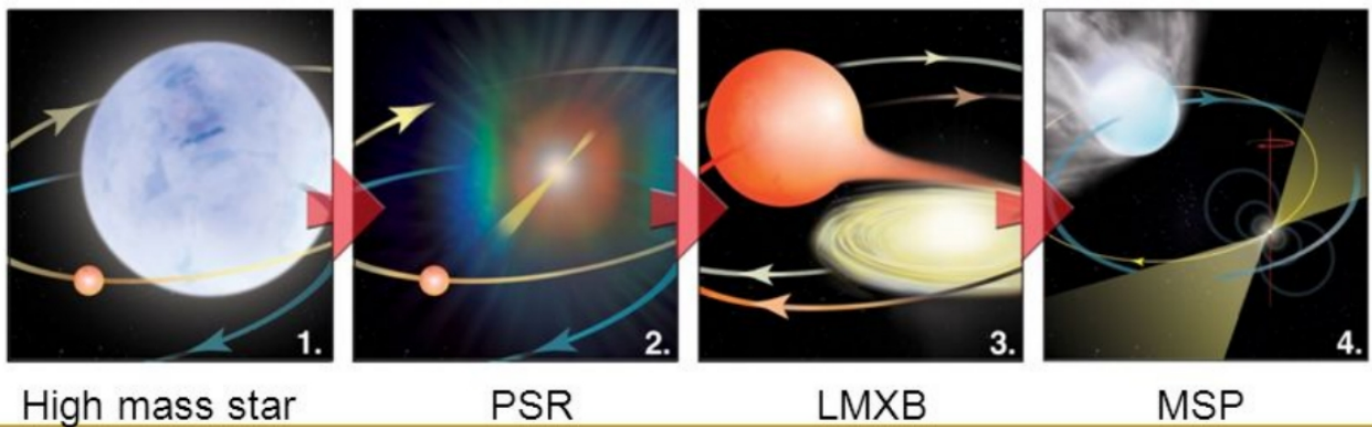


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The Optical studies of millisecond pulsar binary systems

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"We review optical photometric observations of several recently discovered millisecond pulsar binary systems obtained with the GTC and the OAN-SPM 2.1m telescope. For each system, the observations allowed us to reveal the pulsar companion star, establish its nature and estimate the fundamental parameters of the systems. We discuss the results together with their implications for studies of neutron stars, and future optical observing campaigns aimed at these and other millisecond pulsar binary systems. In addition, we review recent detections of fast radio bursts (FRBs) and discuss their prospective studies that will involve the telescopes of OAN-SPM and the GTC."