

28th Texas Symposium on Relativistic Astrophysics



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Type: **Talk**

Rattle and shine by compact binaries mergers

Wednesday, December 16, 2015 9:35 AM (35 minutes)

Compact binary systems are copious producers of gravitational waves and are also expected to radiate strongly electromagnetically. This talk will describe several processes –intrinsically requiring the strongly gravitating/highly dynamical behaviour of the system– that can yield observable signals in a variety of frequencies. Moreover, we will discuss how such radiation might prove fundamental in answering key questions about their components and gravity itself.

Primary author: Prof. LEHNER, Luis (Perimeter Institute)

Presenter: Prof. LEHNER, Luis (Perimeter Institute)

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