

SACNAS



Texas Tech
Student Chapter

Come out and hear a lecture being presented by Dr. Mario C. Diaz, Physics Professor and LIGO scientist, from The University of Texas Rio Grande Valley. The talk will be held on April 27th, from 6:30-9:30pm, in CHEM 113.

The quest of a century: The mysteries, failures, uncertainties and final success in proving Einstein right after 100 years

On February 11, 2016 the National Science Foundation announced to the world the discovery of gravitational waves. This discovery was the result of many years of speculation and trials and errors from many scientists. And the first detection itself, the result of the vision of a group of pioneers and about thousand scientists and engineers that participated in implementing it in the technological feat that made it possible. In this talk I will describe some of the relevant aspects of this history and the characteristics of the discovery itself. This first detection has also opened a new window to the universe: gravitational wave astronomy. I will finish my talk addressing the importance of this new window for astrophysics and for improving our understanding of nature.



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For more information or any questions concerning the event please contact SACNAS at SACNAS@ttu.edu !