

## **David Alvarez Castillo / Ultra High Energy Cosmic Rays produced by compact star mergers and pulsars**

*Friday, 22 November 2019 10:00 (30 minutes)*

In this talk I shall review a few mechanisms of ultra high energy cosmic rays produced by the merger of compact objects, supernovae infall into magnetars, formation of hybrid compact stars and emissions from pulsars. Moreover, I will discuss the physical implications of these processes within the framework of CREDO detections.