Vulcano Workshop 2018 - Frontier Objects in Astrophysics and Particle Physics



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The initial mass - compact remnant relation as a function of mass, metallicity and initial rotation velocity.

I will discuss the range of possible masses of the remnants that are left by the explosion of a massive stars as well as current uncertainties in their estimates. I will show that current stellar models easily predict masses in the range of those observed by the LIGO-VIRGO collaboration

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