

Gravitational waves from first order phase transitions

Friday 25 May 2018 10:00 (30 minutes)

I will discuss phase transitions at the TeV scale, in particular the electroweak one (in extensions of the standard model). I will review the current status of how gravitational waves are generated during the phase transition, and show how the resulting gravitational wave signal can be computed from key properties of the transition. Finally, I will discuss detection prospects at future interferometers, such as LISA.

Presenter: HUBER, Stephan

Session Classification: Plenary Session