ID de Contribution: **2**

Type: **Invited talk**

Gravitational wave signatures from multi-dimensional core-collapse supernova models

mardi 30 mai 2017 16:30 (35 minutes)

Based on our 3D(-GR) simulations with spectral (or gray) neutrino transport using non-rotating and rapidly rotating progenitors, we report the gravitational-wave (GW) signatures and discuss the detectability in both 2nd and 3rd generation interferometers. We also discuss how we can extract information of the central engine based on detailed correlation analysis of the GW and neutrino signals.

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Classification de Session: Un-modeled signals, Bursts