## PACTS 2018: Particle, Astroparticle and Cosmology Tallinn Symposium



Contribution ID: 60

Type: not specified

## **Gravitational Waves from Dark Matter Genesis**

Thursday 21 June 2018 09:25 (25 minutes)

We assume that the electroweak scale is generated in a hidden sector which is described by a non-abelian gauge theory. The non-perturbative effect in the hidden sector generates dark matter as well. Since this dynamical scale genesis appears as a first-order phase transition at finite temperature, it can produce a gravitational wave background.

Author: Prof. KUBO, Jiusuke

Presenter: Prof. KUBO, Jiusuke

Session Classification: Gravitational waves, phase transitions and vacuum stability