



Contribution ID: 71

Type: Oral presentation using Zoom

Primordial black holes, gravitational waves and the hhh coupling as a probe of strongly first-order electroweak phase transition

Thursday, 28 October 2021 16:50 (20 minutes)

Recently, it has been discussed that a possibility of primordial black holes is generated from the first-order phase transition at high or low temperatures. We consider the primordial black hole production during first-order electroweak phase transition. In this talk, we discuss the comprehensive test of the model with strongly first-order electroweak phase transition at the measurement of hhh coupling at ILC, the primordial black hole and gravitational wave from first-order electroweak phase transition.

1st preferred time slot for your oral presentation

19:00-21:00 JST (12:00-14:00 CEST, 6:00-8:00 EDT, 3:00-5:00 PDT)

2nd preferred time slot for your oral presentation

10:00-12:00 JST (3:00-5:00 CEST, 21:00-23:00 EDT, 18:00-20:00 PDT)

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Session Classification: F-3: Higgs properties

Track Classification: Parallel sessions: Topical Groups: Session I: Electroweak physics