## Phenomenology 2019 Symposium



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## Type-II seesaw scalar triplet model at a 100TeV pp collider

Tuesday 7 May 2019 15:45 (15 minutes)

Neutrinos are massless in the Standard Model (SM), therefore, to explain neutrino oscillation, physics beyond SM is needed. The type-II seesaw mechanism is one of the mechanisms that can naturally generate neutrino masses. In this talk, I will discuss phenomenology of the type-II seesaw scalar triplet model at the 100 TeV pp collider, focusing on: (1) model discovery; (2) Higgs portal parameter determination, which is relevant for electroweak baryogenesis.

## Summary

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