

# Impact of mixed scattering processes on leptogenesis within hybrid seesaw framework

*Saturday 20 July 2024 11:00 (15 minutes)*

In this talk I will present the role of the often neglected “mixed” scattering processes within realistic hybrid type I + Type II seesaw framework. It will be demonstrated that as the seesaw scales comes close the mixed processes become numerically significant and can result in orders of magnitude correction to the present day baryon asymmetry. I will quantitatively discuss the level of degeneracy where the traditional approximations starts to become erroneous.

## Alternate track

1. Astro-particle Physics and Cosmology

## I read the instructions above

Yes

**Author:** RAY, Tirtha Sankar (Department of Physics, IIT Kharagpur, India)

**Presenter:** RAY, Tirtha Sankar (Department of Physics, IIT Kharagpur, India)

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