Probing Seesaw Mechanisms at Future Lepton Colliders

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A future lepton collider is expected to be able to measure the cross section of the Higgsstrahlung process to sub-percent level precision. In this talk, it is argued that this will provide an opportunity to indirectly probe models which incorporate the seesaw mechanism to generate small Majorana masses for neutrinos. The expected corrections to selected Standard-Model observables, which are measured to high precision, are quantified by means of effective field theory. The obtained bounds on specific parameter combinations in the respective models are compared to other constraints from electroweak precision measurements.

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