

# Polarized Beams at Future e+e- Colliders

*Thursday 30 July 2020 09:00 (20 minutes)*

Linear e+e- colliders uniquely offer the opportunity to study collisions with longitudinally polarized electron and positron beams. In recent studies of precision tests of the Standard Model at the International Linear Collider, it has been seen that this capability can play an unexpectedly important role. This comes, first, from the ability of polarization asymmetries to access essential physics parameters. In addition, because the ILC experiments are designed to with several distinct ways of measuring the beam polarizations, polarized observables can be determined with very small systematic errors. This will play an especially important role in the improvement of precision electroweak measurements. This talk will present an overview of beam polarization measurement at the ILC and its implications in the search for deviations from the Standard Model.

## I read the instructions

## Secondary track (number)

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