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Precision measurements with polarized beams

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Future e^+e^- collider projects focus on high precision measurements at energies up to the TeV scale. Having both the positron and electron beams polarized, a decisive improvement for many physics studies is expected. I will discuss the advantage of polarized beams for physics analyses as well as the challenge to accomplish successfully the desired precision measurements. A close collaboration between theoretical and experimental groups is essential to achieve this goal.

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