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## Exploring Supersymmetry with future e+e- Linear Colliders

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Proposed e+e- linear colliders with center-of-mass energy from 250 GeV to 3 TeV (International Linear Collider, ILC and Compact Linear Collider, CLIC) are ideal tools for exploring supersymmetry, in addition to precision Higgs, top, W and Z physics and more generic searches for BSM phenomena. These machines cover a wide range of possible mass spectra of sparticles from 100 GeV to 1.5 TeV, and can explore the slepton and gaugino sectors as well as colored sparticles accessible by pair production. The excellent measurement performance of linear colliders for masses, spins, couplings, etc. provides the possibility to identify the underlying mechanisms after the discovery of SUSY-like particles. In this presentation we will focus on experimental studies of various SUSY models and particles, mainly with realistic detector simulations of ILD, SiD and CLIC geometries.

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