

IDEA: a detector concept for future e+e- colliders

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The foreseen future e+e- colliders aim to achieve extreme luminosity and measurement accuracy. This calls for detectors which are properly optimized for this environment and provide the required resolution. We present a detector concept, IDEA (Innovative Detector for Electron-positron Accelerators), that is specifically designed for these future machines and show its performance for a few benchmark processes.

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