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From vertex to wrapper: the IDEA tracking system for FCC-ee

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The tracking system of the IDEA detector follows a classical approach for e^+e^- colliders. Its main tracking device is a large size drift chamber is very light drift chamber exploiting the cluster counting method for particle identification. It is complemented with silicon detectors for the vertex region and for a wrapper around the drift chamber, providing a high precision measurements at the end of the tracking volume. The presentation will discuss the expected performance of the IDEA detector concept and recent developments on the use of CMOS pixels for the large volume silicon tracker.

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