

# The IDEA silicon tracker

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The IDEA detector concept has been proposed for experiments future high-energy electron-positron colliders, covering a rich physics program from the Z to WW, H and ttbar. The tracking system of the IDEA detector concept consists of different subsystems: a vertex detector, an inner tracker, a drift chamber and a silicon wrapper between the drift chamber and the calorimeters. In this talk the layout of the inner tracker and silicon wrapper will be described. The core of the system are multi-chips modules based on the ATLASPIX3 monolithic pixel detector. Prototypes of quad-modules and staves for the barrel region have been realized, including the cooling distribution. The performances of the individual components have been measured and a demonstrator program for the feasibility of their integration in under way.

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