

Performance of Jets at CEPC

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After the Higgs discovery, precise measurements become vital for the experimental particle physics. A powerful Higgs/Z factory, the Circular electron-positron Collider is proposed. Adequate reconstruction and detector design are fundamental to this project. Arbor algorithm has been optimized to fulfill the CEPC physics requirements and is used as the core for the CEPC physics reconstruction. With a particle flow algorithm oriented detector design, we will present the current performance of jets at CEPC. Crucial studies to be covered in the future will also be discussed in this poster.

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