

Delphes 3

Fast Detector Simulation

Latest Developments

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What is Delphes?

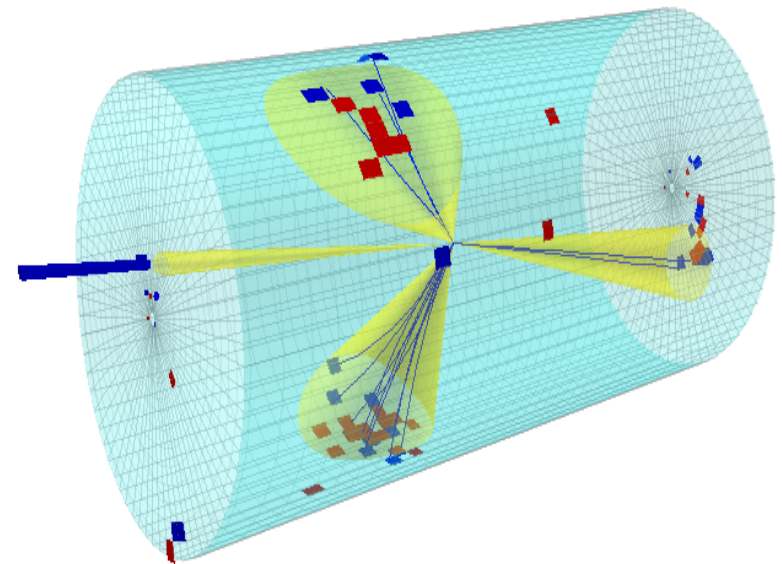
- **Delphes** is a **modular framework** that simulates of the response of a multipurpose detector in a **parameterized** fashion

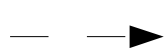
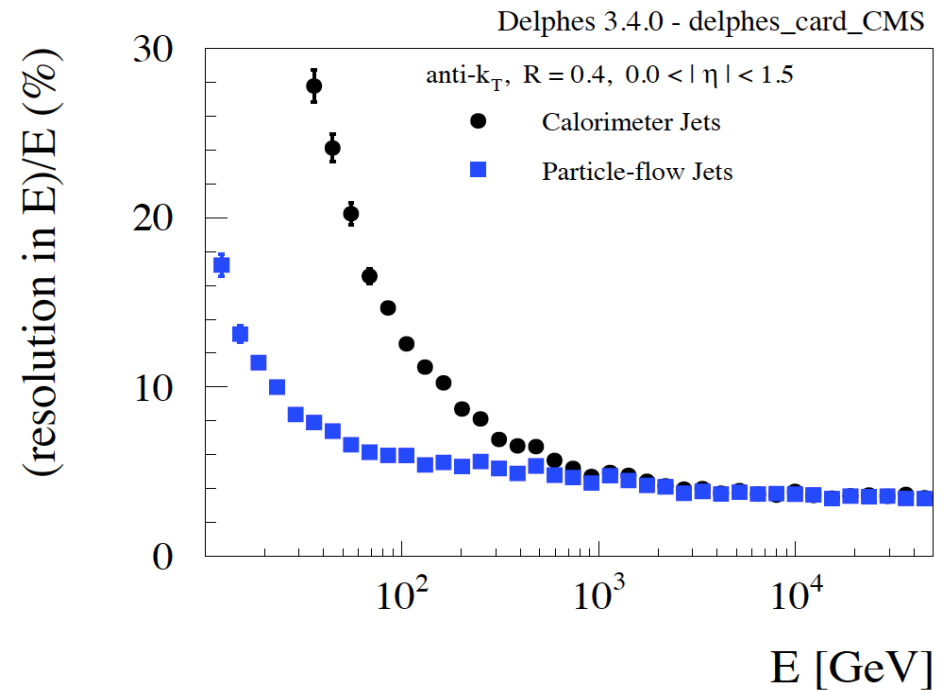
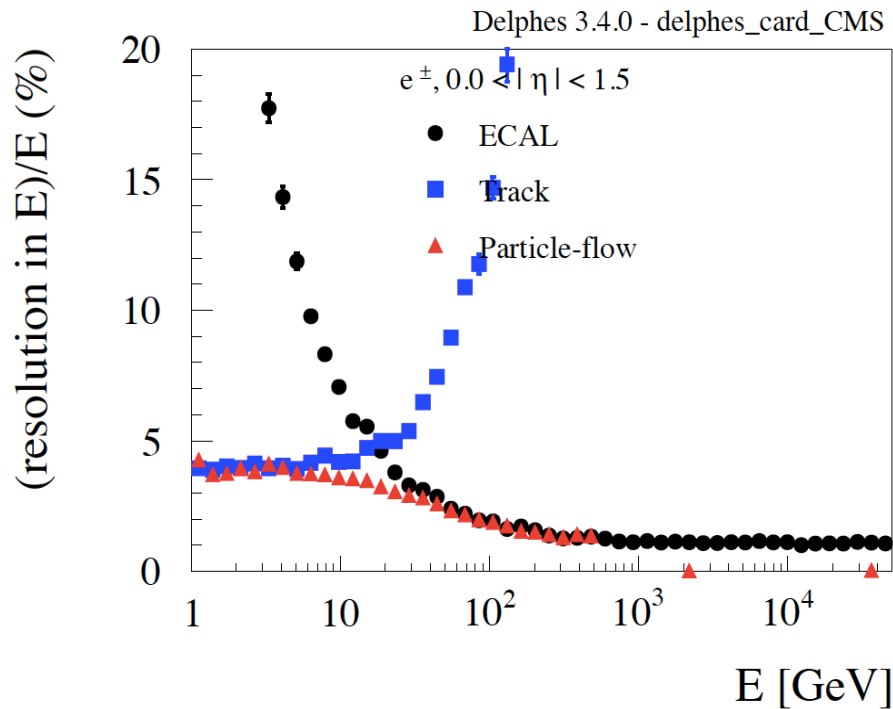
- **Includes:**

- pile-up
- charged particle **propagation** in magnetic field
- electromagnetic and hadronic **calorimeters**
- particle-flow candidates

- **Provides:**

- leptons (electrons and muons)
- photons
- jets and missing transverse energy (particle-flow)
- taus and b's





Making optimal use of **Tracker** and **Calorimeter** information