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Pandora PFA with SiW and ScW ECAL Models

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Fine granularity particle flow calorimetry is the baseline for the detector at the ILC or CLIC. The Pandora algorithms provide the most sophisticated particle flow implementation and are used in the majority of detector-optimisation and physics-sensitivity studies. In this talk, the development of a "cost-effective" Electromagnetic Calorimeter will be discussed, and studies of jet energy resolutions will be presented for ECAL models instrumented with either silicon pixels or scintillator tiles. The need to ensure that the particle flow software is fully understood and optimised for each ECAL configuration will be emphasized throughout the talk.

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