

A modular Reconstruction Software Framework for the ILC

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The International Linear Collider project ILC is in a very active R&D phase where currently three different detector concepts are developed in international working groups. In order to investigate and optimize the different detector concepts and their physics potential it is highly desirable to have flexible and easy to use software tools. In this talk we present Marlin, a modular C++ application framework for the ILC. Marlin is based on the international data format LCIO and allows the distributed development of reconstruction and analysis software. Marlin is used throughout the european ILC community to develop reconstruction algorithms for the ILC based on the so called Particle Flow paradigm.

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