E-01-006

Collaboration Meeting

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November 16, 2001

Analysis

Online / Offline Analysis

Code / Runtime Setup

"High Level Analysis"

Online / Offline Analysis

same system for online and offline analyses

* eliminates duplication

  well established

* differ in output generated

  online: raw asymmetries, rates, histograms

  offline: Ntuples, histograms

Analysis Software

Hall C replay engine — two versions exist:

* "official" Hall C code (E99-117)

  standard, well supported

* Gen01 code

  out-of-plane raster, target field

  support of latest hardware changes

⇒ update Hall C code

  Mark Jones

Runtime Setup

Parameter Database, Calibrations

* initial setup

  from Gen01, update during checkout

* ongoing maintenance, monitoring

  expertise, strategy

Monitoring Utilities

* Histogram Slide Show, Statistical Tests

  from Gen01, update during checkout

High-Level Analysis

Extracting Physics Asymmetry

* Tools to Combine Runs

  adapt existing or make new

* Systematics

  beam & target polarization, dilution factor