The Electronic Logbook for LNL Accelerators

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The Old and New Logbooks

Two years ago (2009) all run-time data concerning the particle accelerators at LNL were still registered mainly on a large format paper logbook. At that time a decision was taken to build a new tool towards an electronic registration of accelerators data. The LNL Electronic Logbook was ready last winter, after a 12 months of development and commissioning.

Configuration

The LNL Electronic Logbook has a client-server structure: a web server application supplies the pages to standard web-browsers. Data are stored in RDBMS (MySQL) and made available by PHP procedures. The electronic logbook is highly configurable by intrinsic editing capabilities on the data set configurations and form pages.