HARP Software Model

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Abstract

HARP, the Hadron Production Experiment set up in the T9 beam of CERN's Proton Synchrotron, carries out a program of precise measurements of secondary hadrons, needed for the optimisation of the proton driver of the future neutrino factory, and for better understanding of atmospheric neutrino fluxes. All software of HARP is based on Object-Oriented technology, and makes use of several standard software packages. The design and the evolution of HARP Software Model is presented here, and examples of first data taken and analysed through the full software chain are shown.