

Report on VALSIM 2008 progress

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Outline

- Progress
 - Improved modeling
 - Fixes
- People

Improved modeling

- FTF hadronic model revision
 - Extended for use down to 3-4 GeV
 - Tuning of formation time parameter
 - Using HARP data (8-9 GeV)
 - Presented at Physics Validation Meeting (LCG)
 - V. Uzhinskiy

Fixes

- Problems reported by HARP-CDP group
 - Unphysical peaks in angular distributions
 - Identified as missing Fermi momentum in quasi-elastic collisions
 - Corrected in 9.1 patch 2 (May 2008)
 - Diffraction-like patterns in pt-pl plots
 - Identified error in sampling pt in LEP/HEP parameterised models (derived from Geisha)
 - Correction prepared for release

People

- V. Grichine was supported until Dec 2007
- CERN-paid contributors
 - V. Uzhinskiy has been Sci-Assoc. since Jan 2008