Contribution ID: **367** Type: **not specified**

The Underlying Event in Herwig++

Thursday, 29 March 2012 12:20 (20 minutes)

We review the modelling of multiple interactions in the event generator Herwig++ and study implications of recent tuning efforts to Tevatron and LHC data. A crucial ingredient to a successful description of minimum bias and underlying event observables is a model for colour reconnection. Improvements to this model inspired by statistical physics are presented.

Primary author: ROEHR, Christian (K)

Co-authors: SIODMOK, Andrzej Konrad (KIT - Karlsruhe Institute of Technology (DE)); SEYMOUR, Mike (School of Physics and Astronomy Schuster Laboratory-University); Mr PLAETZER, Simon (DESY Hamburg); GIESEKE, Stefan (Unknown)

Presenter: ROEHR, Christian (K)

Session Classification: Hadronic final states

Track Classification: Hadronic final states