Subject: Event Mixing Note
Posted by Sebastian Neubert on Fri, 25 Jun 2010 11:17:19 GMT
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Dear colleagues,

since there was a discussion about event mixing and trigger simulation on the past collaboration meeting, Bernhard has asked me to circulate a small technical note I have written in 2005 on the topic. Maybe you'll find some useful thoughts there.

I have not updated the note and there are some new insights which I got from implementing an event-mixing scheme for the TPC. In particular the event-mixing has to be done before the final detector-response is calculated inside the digitization.
The basic ideas though are there.

Cheers! Sebastian.

## File Attachments

1) technote_EvtMix.pdf, downloaded 659 times