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Subject: Event Mixing on the GRID

Posted by [StefanoSpataro](#) on Sat, 27 Aug 2011 10:06:21 GMT

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Dear all,

I have started to run on the GRID STT events with background mixing. Please check the wiki page.

The output files are stored in output/mix/name\_channel/runXXX, separately for each channel. I have mixed 250 signal events with 2000 dpm events (1:8 as suggested) to be consistent with the statistics. Each run100X\_X00 contains around 100 subjobs, each one with 250 signal events. I have run a total of around 100k signal events for channel.

Many jobs are failing for some grid problem and they have to be resubmitted, however almost half of the statistics is ready and it would be nice if analyst would look at them to see if the analysis works fine also for these new files.

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Subject: Re: Event Mixing on the GRID

Posted by [donghee](#) on Sat, 03 Sep 2011 20:56:11 GMT

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Hi Stefano,

Could you specify what is different between mix401 and 1002\_600 in mixed event? Both data have 250 events in each. I'm so sorry for stupid question.

Donghee

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Subject: Re: Event Mixing on the GRID

Posted by [StefanoSpataro](#) on Sat, 03 Sep 2011 22:12:35 GMT

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1002\_600 was a first try to put a run name to the mixed file generation, but after I preferred to use mixXXX style.

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