
Subject: Re: TPC digitization blocks everything for too many cluster events
Posted by [Tobias Stockmanns](#) on Thu, 24 Jun 2010 11:06:26 GMT

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Dear colleagues,

I have studied the FairLink problem in more detail. The problem is the enormous amount of data created for the TPC. For one special event it has: 19281 PrimäriClusters, 42958 Drifted Electrons, 42958 Avalanches, 80300 Signals and 1,674,929 Digis.

All this objects have links to the previous one. I could speed up the linking by a factor of 2 by using `std::set` instead of `std::vector`. Nevertheless this one event takes 500 s on my PC. I think that for the TPC one should bypass the linking and only connect the `TpcClusters` with the MC points and only for dedicated studies one switches on linking.

Cheers,

Tobias
