
Subject: What is Emc Digi Position Depth?

Posted by [Vanniarajan Suyam Jothi](#) on Mon, 28 Jan 2008 10:36:38 GMT

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The Description of parameter is not clear in emc, parameter file
can any body tell me what is digiPositionDepth is ?

Subject: Re: What is Emc Digi Position Depth?

Posted by [Dima Melnychuk](#) on Tue, 29 Jan 2008 10:13:55 GMT

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Hi Vanni,

The paramater EmcDigiPositionDepth in emc.par file is parameter which is used for EmcCluster position reconstruction and has meaninig of the effective depth of deposited energy inside crystal, i.e. value 6.2 means that cluster position is reconstructed asuming that energy in each crystal whould deposite in one point at 6.2 cm inside crystal. This paramter should be optimised to achieve best position reconstruction.

Dima

Subject: Re: What is Emc Digi Position Depth?

Posted by [Vanniarajan Suyam Jothi](#) on Tue, 29 Jan 2008 11:58:53 GMT

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Hi Dima,
Thank you.
