
Subject: Re: Possibility of combining of digitization and reconstruction
Posted by [Tobias Stockmanns](#) on Wed, 15 Apr 2009 13:34:12 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear Donghee,

before you can use a digitized MVD hit in a kalman filter you have to reconstruct it.

Digitized data contains the output as it would be from the real experiment. For the MVD this is the information which module was hit, which front end and which pixel. In addition you get a time and deposited charge information.

This data has to be translated into a position in the coordinate system of the panda detector before it can be used in a tracking algorithm. This is the task of the reconstruction macro.

Cheers,

Tobias
