

Subject: Re: More no of Hits than Points
Posted by [Ralf Kliemt](#) on Thu, 10 Apr 2008 14:27:16 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Vanni,

Let me explain how we produce our hits:

First is the simulation storing Points. Each point contains the entry and exit coordinates of the track through the sensor. From this we digitize to column/row information or to top.bottom strip numbers (according to the sensor type).

This results into clusters of several (usually 1-3) Pixel digis or strip digis which produce one Hit. Maybe you should have a look to the slides from the Collaboration meetings :

To give you an impression I plotted the multiplicity of digis in one hit.
Toggle Spoiler

File Attachments

1) [stripclustmult.png](#), downloaded 1393 times

