
Subject: RPC_TOF

Posted by [Aida Galoyan](#) on Fri, 29 Feb 2008 16:37:57 GMT

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Hi all,

I have committed files for simulation and Hit production of Barrel Rpc_Tof.
I have used a simplified description of its geometry. It will be improved in the future in a correspondence with design studies.
If other type of Tof will be choosed at PANDA meeting in March, I will re-design of my implementation.

However, I could not commit files "pandaroot/CmakeLists.txt"
and "pandaroot/Dart.sh" with corresponding changes for Rpc_Tof.

It is needed to add in the file "pandaroot/CmakeLists.txt"
add_subdirectory (rpc)
and
ln -s \$BUILDDIR/rpc/libRpc.so .
in the file "pandaroot/Dart.sh".

Please, who has access for change of these files make the changes and commit them.

Aida

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Subject: Re: RPC_TOF

Posted by [Mohammad Al-Turany](#) on Thu, 13 Mar 2008 11:38:30 GMT

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Hallo Aida,

it is in SVN now

regards

Mohammad

Subject: Re: RPC_TOF

Posted by [Stefano Spataro](#) on Thu, 13 Mar 2008 11:42:48 GMT

Hello,
just to understand, what is the difference between "tof" and "rpc"?

Subject: Re: RPC_TOF

Posted by [Aida Galoyan](#) on Fri, 14 Mar 2008 15:52:47 GMT

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Hi Spataro,

RPC installed by me is Barrel ToF detector too.
According to requirement to choose 3 letters for each detector,
Johan proposed me to use "rpc" instead "rpctof".

ToF installed by Alicia is scintillator detector.
I consider Multi Resistive Plate Chambers detector
for time of flight.
Now the geometry and hit production of RPC in Panda_Root
are very preliminary. I will include more detail geometry, hit
production, and also PID with RPC_s according to variance of
MRPC_ToF proposed by Protvino-ITEP group of Ammosov.

Aida
