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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  
In -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

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Subject: Re: RPC\_TOF

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

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

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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

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