Subject: standalone ring finder
Posted by Ivan Kisel on Tue, 01 Feb 2005 09:44:39 GMT
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Dear colleagues,

We have developed a standalone ring finder based on the elastic net. Efficiency is about 93%, speed is 1 ms per event. The algorithm is very general and can be used for any RICH detector.

Ivan.

Subject: Re: standalone ring finder
Posted by Walter F.J. Müller on Tue, 01 Feb 2005 12:33:32 GMT
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Great !!! Is your recent talk given during the CBM Tracking Workshop the most up-to-date info ? Or is there a new paper or note to read ? It it already in the framework (in CVS) ? What's the name of the Task class implementing it ?

Cheers, Walter

Subject: Re: standalone ring finder
Posted by Ivan Kisel on Tue, 01 Feb 2005 13:19:44 GMT
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Yes, this is the up-to-date status. Here I attach a part of TSR about the EN ring finder.

File Attachments
1) EN_Ring_Finding.pdf, downloaded 1011 times

Subject: Re: standalone ring finder
Posted by Ivan Kisel on Tue, 15 Nov 2005 08:54:03 GMT
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There is now a CBM note "Elastic net for standalone RICH ring finding"
describing the algorithm. In the appendix you can find the source code fully explained in the note.

Ivan.