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# Alignment Activities List

This page is listing the activities taken on by the tracking and alignment group. It is a placeholder to help the tracking convener to follow-up on the status of each study.

## Ongoing

### Alignment for 2010 data

Description	Align the detector for calibrating 2010 data.
People/groups currently involved	Maurizio Martinelli (Nikhef), Silvia Borghi (Manchester)
Started on	1/10/2013
Deadline	1/12/2013
Status	Looking for input samples
Talks	
Other comments	

### Alignment changes with magnet polarity

Description	Align the detector for different polarities and detailed study of the alignment.
People/groups currently involved	Varvara Batozskaya, Konrad Klimaszewski (Warsaw)
Started on	1/10/2013
Deadline	1/6/2014
Status	Getting acquainted with alignment software
Talks	
Other comments	

### Velo Alignment

Description	Improve alignment of the Velo.
People/groups currently involved	Dermot Moran, Christoph Hombach, Silvia Borghi (Manchester)
Started on	1/1/2013
Deadline	1/6/2014
Status	Preliminar studies. Looking what should be fixed and how to do that.
Talks	7/2/2013 <a href="#">↗</a>
Other comments	Silvia is on leave, but is available to help Dermot and Christoph who are in the mean time responsible.

### Monitoring Alignment Database

Description	Create a monitor for the alignment from a database point of view.
People/groups currently involved	Jason Emory Andrews (Maryland)
Started on	1/1/2013
Deadline	1/6/2014
Status	Tool in place. Awaiting documentation
Talks	14/2/2013 <a href="#">↗</a> 11/4/2013 <a href="#">↗</a> 24/10/2013 <a href="#">↗</a>
Other comments	This task is targeting to having a monitoring that could run online after LS1.

## Monitoring Mass Plots

Description	Create a monitor for the alignment from a mass resonances point of view.
People/groups currently involved	Jack Timpson Wimberley (Maryland)
Started on	1/1/2013
Deadline	1/6/2014
Status	Tool is getting shape.
Talks	14/2/2013 <a href="#">↗</a> 11/4/2013 <a href="#">↗</a> 25/4/2013 <a href="#">↗</a> 24/10/2013 <a href="#">↗</a>
Other comments	This task is targeting to having a monitoring that could run online after LS1.

## OT Mono-Layer Alignment

Description	Alignment of the OT mono-layer.
People/groups currently involved	Alexandr Kozlinskiy (Nikhef)
Started on	1/1/2013
Deadline	1/6/2014
Status	Alignment presented. Awaiting documentation.
Talks	2/5/2013 <a href="#">↗</a>
Other comments	This tool aligns the OT mono layers.

## Tracker Efficiency for Online Monitoring

Description	Study the Silicon trackers reconstruction efficiency to spot problems online.
People/groups currently involved	Frederic Dupertuis, Ila Komarov (EPFL)
Started on	1/1/2013
Deadline	1/6/2014
Status	Tool in place. Need to choose the best input.
Talks	2/5/2013 <a href="#">↗</a>
Other comments	This tool can be used Online to monitor the Silicon tracking stations.

## Completed

### Alignment for 2013 data

Description	Align the detector for calibrate 2013 data.
People/groups currently involved	Maurizio Martinelli (Nikhef)
Started on	1/2/2013
Deadline	10/3/2013
Status	Alignment done and validated
Talks	

| Other comments | Tracker alignment is done. No need to update Velo alignment. |

This topic: LHCb > AlignmentActivitiesList

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