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# Tracking & Alignment for 2016

## Ongoing activities and responsible people

This is a list of specific topics to see who is currently working on what

### Pattern recognition and track fit

Topic	Description	Contact	Link
Seeding	Speed-ups, SOA container, ...	Manuel Schiller	<a href="#">Seeding1</a>
Forward	Tuning, clusterization, MVA for final track selection	Marian Stahl	<a href="#">Forward1</a>
Downstream	Implement new chi2, MVA for final track selection	Adam Dendek, Adam Davis	<a href="#">Downstream1</a>
Velo	Try to recover loss from radiation damage	David Hutchcroft	<a href="#">FastVelo1</a>

### Other tools

Topic	Description	Contact	Link
Ghost probability	Make it faster, increase discrimination power	Hang Yin, Paul Seyfert	<a href="#">GhostProb1</a>
Track refit from (m)DST	Make refit from (m)DST possible and user-friendly	???	<a href="#">TrackRefit1</a>
Momentum scale calibration	Derive and apply the momentum scale calibration	Stephen Farry, Matt Needham	<a href="#">MomScaling1</a>
Slim PV refit	Implement and test a less disk-consuming PV refit	Wouter Hulsbergen	<a href="#">SlimPVFit1</a>
Review of MC association	Check correctness of MC association and improve	Diego Milanes, Jeysson Alexander	<a href="#">MCAssoc1</a>

### More general talks

- T&A improvements (Wouter)

### Tracking alignment

Topic	Description	Contact	Link
VELO alignment	Study stability and possible improvement	Giulio Dujany, Silvia Borghi	
TT alignment	Study to improve the TT alignment and related residual study	Elena Graverini, Varvara Batozskayai	
Tracker alignment	Study stability and possible improvement	Zhirui Xu, Maurizio Martinelli	
Magnetic field	Study accuracy of the magnetic field map using 2014 measurements	Maxime Schubiger	
BCAM measurement	Study the stability of IT boxes by the BCAM measurement and the correlation with tracking alignment results	Pavol Stefko	

-- MichelDeCian - 2015-10-13

This topic: LHCb > TrackingFor2016

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