

# Tracking Physics Book Preparation page

The resource to help you prepare for the physics book

## Deadlines:

- First drafts of notes expected 15th February 2007
- **Please finish notes asap!**
- For some notes a tarball containing the pdf, macros and root files used is attached. This allows to remake your favourite plots.

## Expected Notes:

Title	Author	pdf	Tarball
<i>Combined Long Tracking Performance</i>	M. Needham	<a href="#">LHCb-2007-019</a>	<a href="#">best.tar.gz</a>
<i>The Forward Tracking: Algorithm and Performance Studies</i>	O. Callot, S. Menzemer	<a href="#">LHCb-2007-015</a>	
<i>Performance of the Track Matching</i>	M. Needham, J van Tilburg	<a href="#">LHCb-2007-020</a>	<a href="#">matching.tar.gz</a>
<i>Downstream Pattern Recognition</i>	O. Callot	<a href="#">LHCb-2007-026</a>	
<i>Upstream Tracking</i>	O. Callot, M. Kurcharczyk, M. Witek	<a href="#">LHCb-2007-010</a>	
<i>Velo Pattern Recognition</i>	D. Hutchcroft	<a href="#">LHCb-2007-013</a>	
<i>Open Velo Tracking</i>	Tomas LASTOVICKA		
<i>Standalone Track Reconstruction in the T-Stations</i>	R. Forty, M. Needham	<a href="#">LHCb-2007-022</a>	
<i>Updated Performance of the T-Seeding</i>	R. Forty, M. Needham	<a href="#">LHCb-2007-023</a>	<a href="#">seeding2.tar.gz</a>
<i>The Tsa Reconstruction framework</i>	M. Needham	<a href="#">LHCb-2007-037</a>	
<i>Tracking System Performance versus luminosity</i>	M. Needham	<a href="#">LHCb-2007-021</a>	<a href="#">upgrade.tar.gz</a>
<i>Dealing with Clones in the Tracking</i>	E. Rodrigues	<a href="#">LHCb-2006-057</a>	
<i>Strategies for measuring the Performance of the Tracking system with data</i>	T. Ruf		
<i>Tracking Event Model</i>	J. Hernando Morata, E. Rodrigues	<a href="#">LHCb-2007-007</a>	
<i>Parameterization of the Magnetic Field Map</i>	A. Hicheur	<a href="#">LHCb-2007-093</a>	
<i>The LHCb Track Kalman Fit</i>	E. Rodrigues	<a href="#">LHCb-2007-014</a>	
<i>The Trajectory Model for Track Fitting and Alignment</i>	E. Bos <i>et al.</i>	<a href="#">LHCb-2007-008</a>	
<i>Estimation of the material in the LHCb Detector</i>	M. Needham, T. Ruf	<a href="#">LHCb-2007-025</a>	
<i>ST Occupancies and Clustering</i>	M Needham	<a href="#">LHCb-2007-024</a>	
<i>OT Simulation</i>	J. Amoraal	<a href="#">LHCb-2007-018</a>	
<i>Velo Simulation for DC 06</i>			
<i>Tuning Detector Thresholds with Data</i>	T. Ruf		

## More Information:

\* physicsbook.pdf: Talk given on physics book in the Lausanne tracking workshop

-- MatthewNeedham - 15 Nov 2006

This topic: LHCb > PhysicsBookPreparation

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