

# **Super*B*** **Progress Reports**

## **The Detector**

**some date, 2009**

### **Abstract**

This report details the progress made in by the Super*B* Project in the area of the Detector since the publication of the Super*B* Conceptual Design Report in 2007 and the Proceedings of Super*B* Workshop VI in Valencia in 2008.



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## Overview

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This is the overview ( 7 - 8 pages)

OVERALL DESIGN

INTERACTION REGION

BACKGROUNDS

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## Silicon Vertex Tracker

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This is the SVT Section (4-5 pages)

DETECTOR CONCEPT

PERFORMANCE OPTIMIZATION

DESIGN AND R&D

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## Drift Chamber

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This is the DCH section (3-4 pages)

DETECTOR CONCEPT

PERFORMANCE OPTIMIZATION

DESIGN AND R&D

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## Particle Identification

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This is the PID section (6-7 pages)

DETECTOR CONCEPT

PERFORMANCE OPTIMIZATION

DESIGN AND R&D

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## Electromagnetic Calorimeter

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This is the EMC section (5-6 pages)

DETECTOR CONCEPT

PERFORMANCE OPTIMIZATION

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## Instrumented Flux Return

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This is the IFR section (4-5 pages)

*SuperB Progress Report - The Detector - December 2009*

DETECTOR CONCEPT

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PERFORMANCE OPTIMIZATION

DESIGN AND R&D

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## Electronics, Trigger, DAQ

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This is the ETD section, maybe to be split (total of 9-10 pages)

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## Software and Computing

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This is the computing Section (4-5 pages)

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## Mechanical Integration

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This is the Integration Section (4-5 pages)

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## Budget and Schedule

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This is the budget and schedule section

**BUDGET**

**SCHEDULE**

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