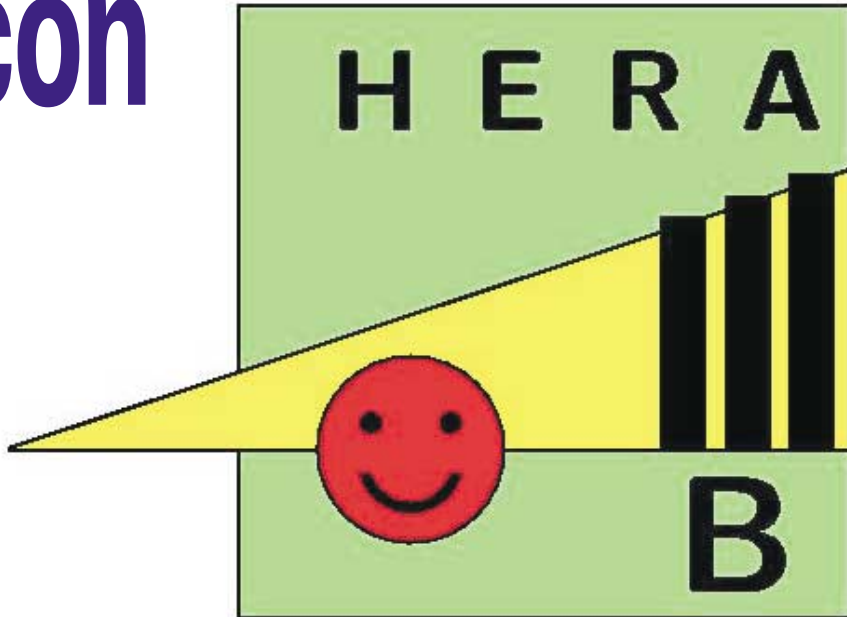
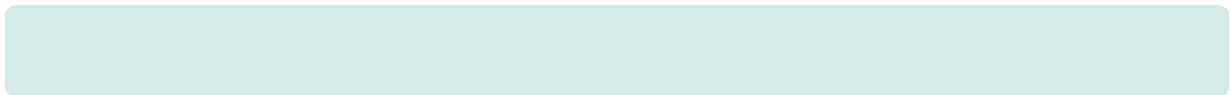


QC for the HERA-B Silicon



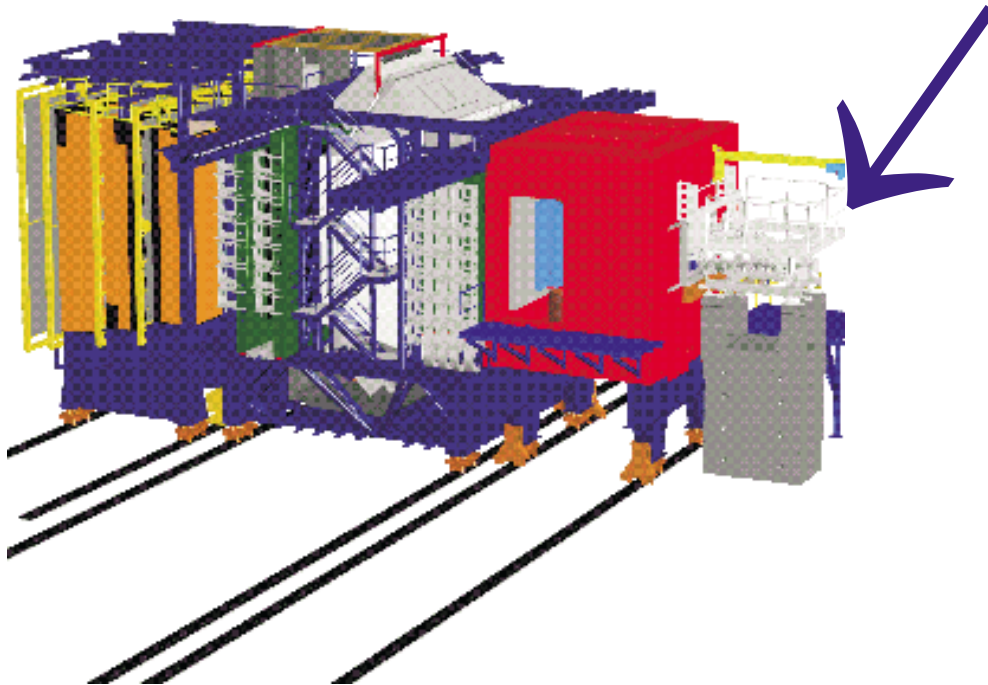
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May 2001



The Place

**Vertex detector system
for HERA-B,**



**a forward spectrometer
to study CP-Violation
in the B-system.**

Content of this Talk

- ❁ **Silicon Design**
- ❁ **Silicon QC**
- ❁ **Module Design**
- ❁ **Module Production**
- ❁ **Module QC**
- ❁ **Installation Procedures**
- ❁ **Concluding Remarks**

The Problems

❁ 10 mrad 1cm **10MRAD**

❁ high track density

❁ multiple scattering

Roman Pots

Operation in vacuum

Cooling through support

double sided detectors

❁ has to be movable

❁ needs easy exchanges

❁ has to run at 10 MHz

❁ needs a 141 pipeline