



BM@N Spectrometer.

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The Goal - Spectrometer Description.



- 1. Introduction
- 2. Magnets
- 3. Beam
- 4. Beam and trigger detectors
- 5. Silicon Beam Tracker
- 6. Forward Silicon Detector
- 7. GEM
- 8. TOF
- 9. Outer tracker
- 10. Forward Spectator Detectors
- 11. Trigger
- 12. BM@N DAQ: Hardware Architecture
- 13. Slow Control System
- 14. Summary



Major Problem.



Many images are small and have a low resolution. It is a big job to create a high resolution versions.



Historical references.



In many chapters are references to runs numbers. Should we keep such references. For external reader it tells nothing.



Units and Coordinates.



The coordinate system needs to be shown in spectrometer image and some text written.

Units needs to be given: sec, cm, kg, ampere, tesla



Text Update.



How we will proceed with the tex reading?

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Magnet - List of modifications.



line 26 At the beginning of the BM@N setup... -

At the head of the beam line Too small spectrometric magnet image.

What for magnet field maps are needed.



Beam - List of modifications.



- 1. Whan is the diference between K200 and 1K200 ?
- 2. line 74 The last 4 boxes ... how mane boxes in total need to be given.
- 3. The real forevacuum pressure value should be given.
- 4. Line 37 in latex file needs to be updated.
- 5. Lines 59-62 in latex file have a repetitions. Update



Beam and trigger detectors List of modifications.



1. Small GEM and FHQ do not shown in Fig.9. There is no Z detectors coordinates in the table .

2. Why photo-multiplier tubes, placed above and bellow the scintillator? Where is the advantage?

3. SiMD - FD - are they the same? If not - SiMD should be described.