

Detectors and Collaborations

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2.2.7 Online, DAQ

2.2.8 Background and mitigation

2.2.9 Conclusion: main common points, main differences

2.3 Reconstruction

2.3.1 Tracking

Status

- The BaBar subsections are in good shape:
10 pages written and in SVN,
the one on Online/DAQ is missing because
Nicolas apparently waits for some publication
- Nothing on collaborations, should probably go to subsection 2.1,
subsection 2.2.9 missing (common and different things),
2.3 on reconstruction missing at all
- The Belle subsections are just empty because
none of potential contributors has been contacted
- It is not yet clear whether references are in

Questions and Problems

1. It is not clear whether it belongs here,
we have a separate chapter on “Tools and methods”
 - From the physical point of view (not technical)
 - Performance examples
 - Tracking (vertexing has its own chapter)
 - Energy resolution
 - pi0's, neutrals
 - PID (very brief, there is another section for that)
2. After Belle fills its part in subsections
some connections and comparisons should be added
3. It is probably necessary to have a separate (sub)section
summarizing our failures/successes and provide recommendations
4. I'd add a table with a brief summary of the performance

Conclusions

- About 40% of the text written
- Belle has a large, but manageable hometask
- I strongly recommend to drop “Reconstruction” subsection
- The first iteration can be ready by the end of December
- It is a real challenge to make it pedagogical
- It is possible that I underestimate work to be done