

# SiD's Promises for the Detector Concept Report

SiD Advis  
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John Jaros

# Promises?

- **What additional input can SiD have ready for inclusion in the DCR?**
- **Detector DCR Writing Schedule**
  - Sept. 27 Detailed Outlines for all chapters due
  - Oct. 11 Rough Drafts due
  - Oct. 26 Round #1 Draft due
  - Nov. 6 Round #1 DCR complete for Valencia
  - Nov. 22 Comments due from Community
  - Dec. 13 Round #2 DCR complete
- **SiD Promises Schedule** **BY FRIDAY THIS WEEK**
  - Sept. 22 List of new studies available for DCR
  - Sept. 27...as above

# The Outline of the DCR

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1. General Introduction
2. Challenges for Detector Design and Technology
3. Introduction to the Detector Concepts
4. MDI Issues
5. Subsystem Designs and Technologies
6. Sub-Detector Performance
7. Integrated Physics Performance
8. Why We need 2IRs and 2 Detectors
9. Detector Costs
10. Future Options
11. Next Step
12. Conclusion

## Possible Areas for Contributions

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- Chapter 2 Physics Requirements (John ed.)
- Chapter 4 MDI Issues (Ties ed.; MDI Panel helping)
- Chapter 5 Subsystem Designs (C. Damerell ed.; R&D Panel helping)
- **Chapter 6 Subdetector Performance (Akiya)**
- Chapter 9 Detector Costs (All eds + Cost Panel)

# Major Items and Good Graphics Needed

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- Remember there are severe page limits
- Remember DCR will be balanced among concepts
- New material may or may not get in.
  
- See Akiya's 0<sup>th</sup> Order Draft for current thinking on Subsystem Performance.