

LOI SID (Subsystem description)

1. Definition of subsystem

1.1 Name of the subsystem

1.2 Contact person(s) for LOI writing

1.3 Geometrical definition: Where it is located. Dimensions

1.4 Function

1.5 Requirements/specifications

Physics benchmark(s) that the system is most relevant.

2. Description of the subsystem

2.1 Concept

2.2 Baseline design

2.3 Expected performance

2.4 Options

3. R&D roadmap

3.1 Issues

3.2 Milestones (Before 2012, and after 2012)

3.3 Resources needed

4. Estimated construction schedule

4.1 How long does it take to build it.

4.2 Required human resources

5. Estimated cost

6. Organization of the detector subgroup

6.1. Institutions involved

7. Q&D : anticipated questions from IDAG and answers to them