

Charge to the Technical Review Panel

Super BigBite Spectrometer Conceptual Design

The scope of this review is the Super BigBite Spectrometer, designed to be used in Hall A of JLab after the completion of the 12 GeV upgrade project.

You are asked to address the following questions:

1. Is the conceptual design for the SBS sound and adequate to achieve the physics goals presented in the CDR? You should include all aspects of the design in your evaluation (magnet, detectors, trigger electronics, background simulations, etc.).
2. Have the design parameters been optimized for maximum physics impact?
3. Have the technical performance requirements been appropriately and sufficiently defined for this stage of the project?
4. Are there any open technical issues?