

Notes on LAPPD Review

Homework Questions Day 1

1. What limited number of applications would you target as priorities in the next stage of development and why? Does not have to be all HEP applications.
 - a. Give reasonable parameter set(s) for operational panel detectors in the next 2-3 years. Indicate if the parameter sets are very different for different implementations.
 - b. What are the likely technical competitors in this area? What are the appropriate performance/cost comparisons? What is your competitive advantage?
 - c. For one or two cases give examples of the specific benefits to HEP that will flow from this stage of R&D
2. It was stated that the solid core/chemical etch process is disruptive to ALD. Please provide further technical evidence or references. Are there other technical reasons to prefer hollow core process versus solid core process? What is the “real-world” cost advantage?
3. Discuss to the extent possible the “due diligence” that has been done in the area of patents and IP protection to ensure that there are no “surprises” in the industrialization phase.