Full Detector Studies
(a proposal)

Time now to understand at a higher level the performance of integrated detector designs

Two detectors are of particular interest in the North American study:

LD
SiD

How can we evaluate the strengths, weaknesses, and potential improvements of each of these concepts?
Full Detector Studies
(a proposal)

• Use existing tools (LCD)
• Select a few reactions which contain representative performance requirements
• Focus limited simulation resources on “getting the answers” for these two designs, and parametric variations of them
• First serious results before Victoria
  – preliminary results for Paris
• Leaders are being recruited to work with Mark and Jim to guide the two coordinated studies