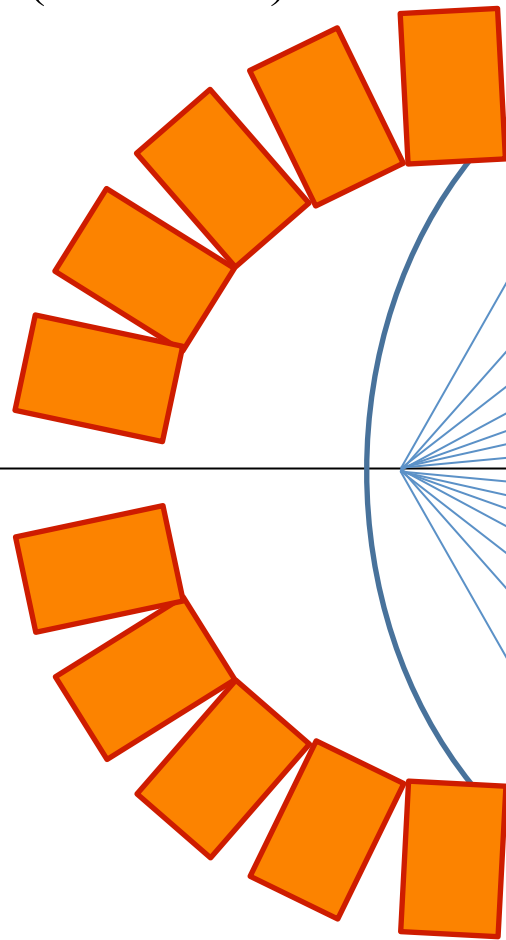


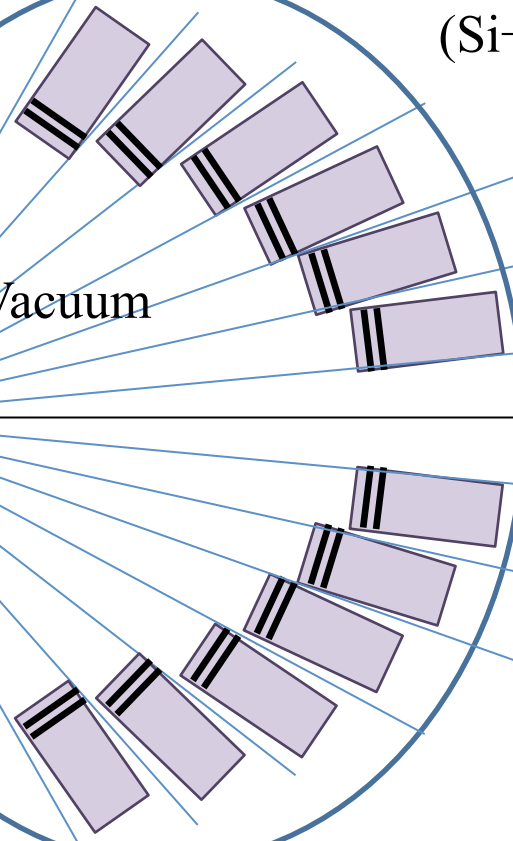
Young Jin Kim
RISP/IBS

Gamma detector
(NaI or CsI)

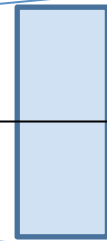


Cluster detector
(Si+CsI)

Vacuum



Neutron Detector
(Scintillator array)



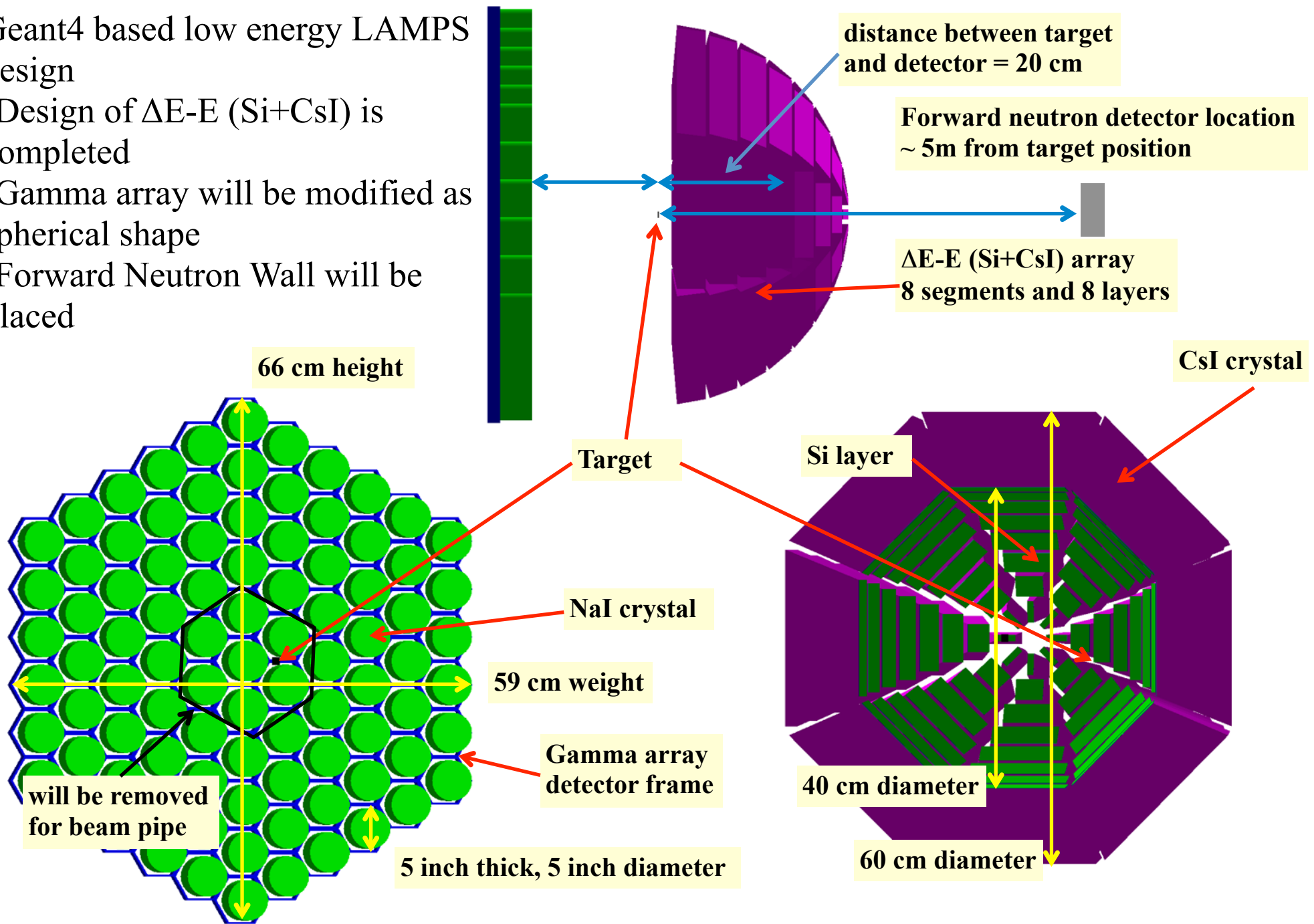
Geant4 simulation framework is under development

- Feasibility study
- Need to get all detector parameters for TDR

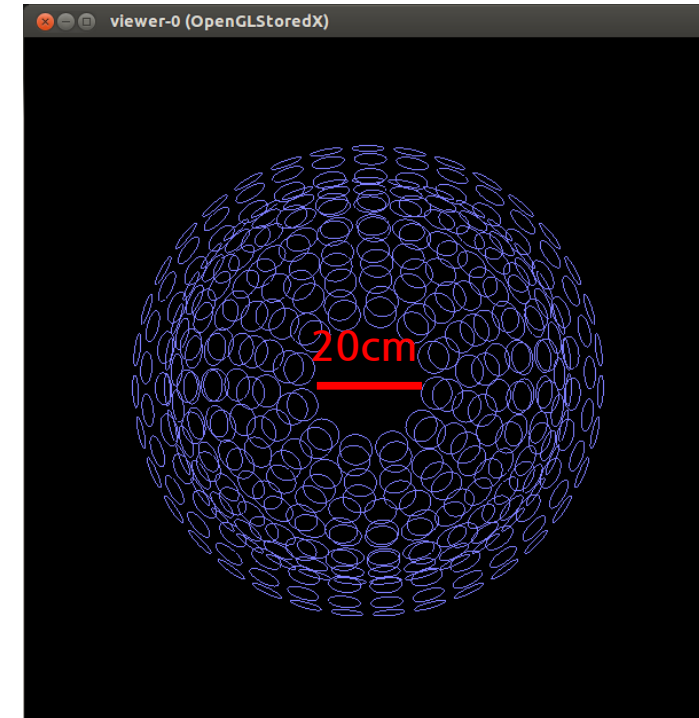
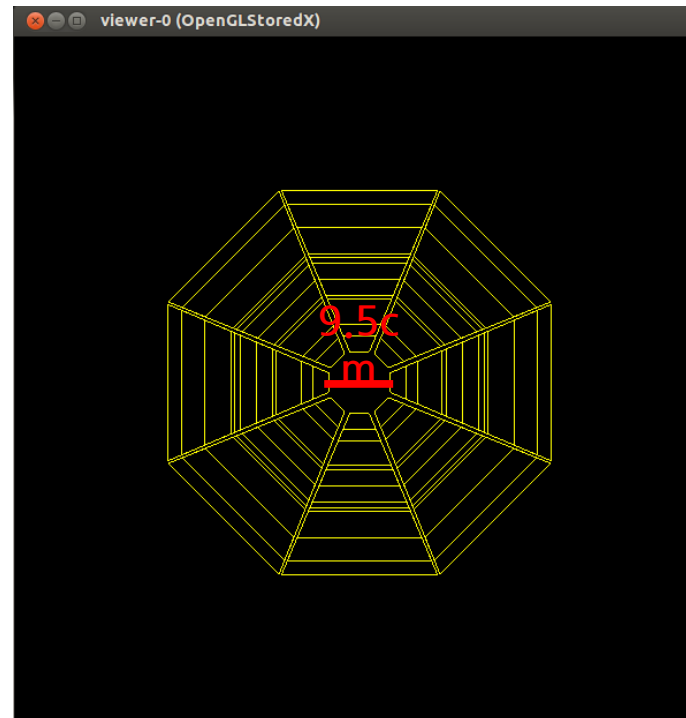
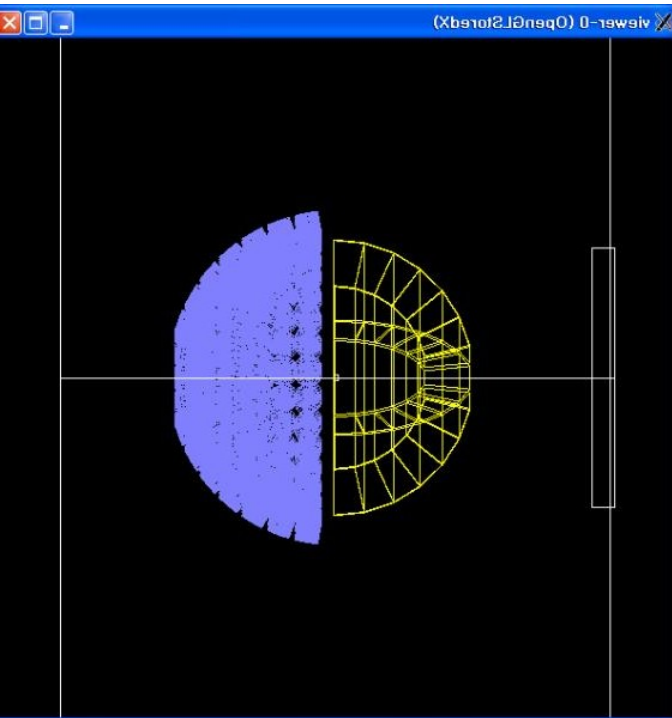
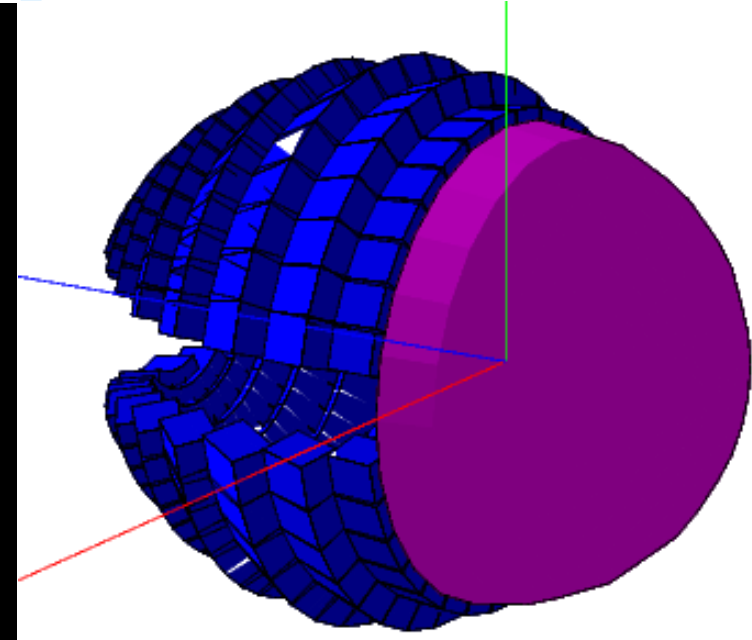
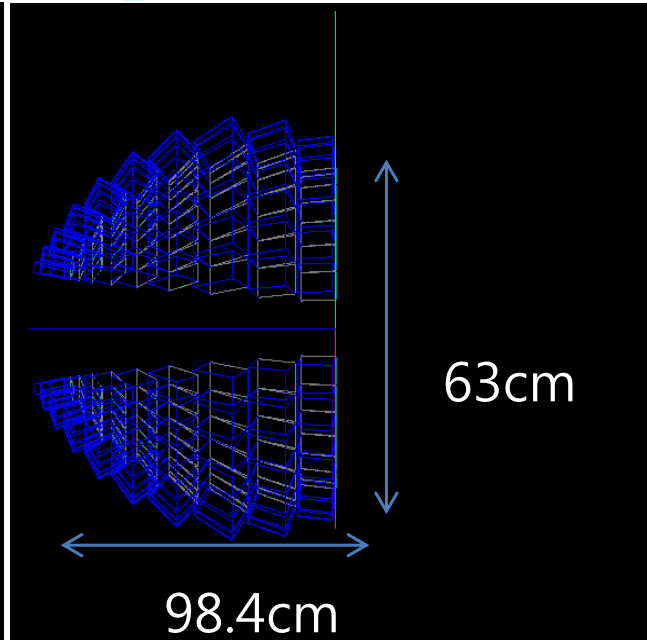
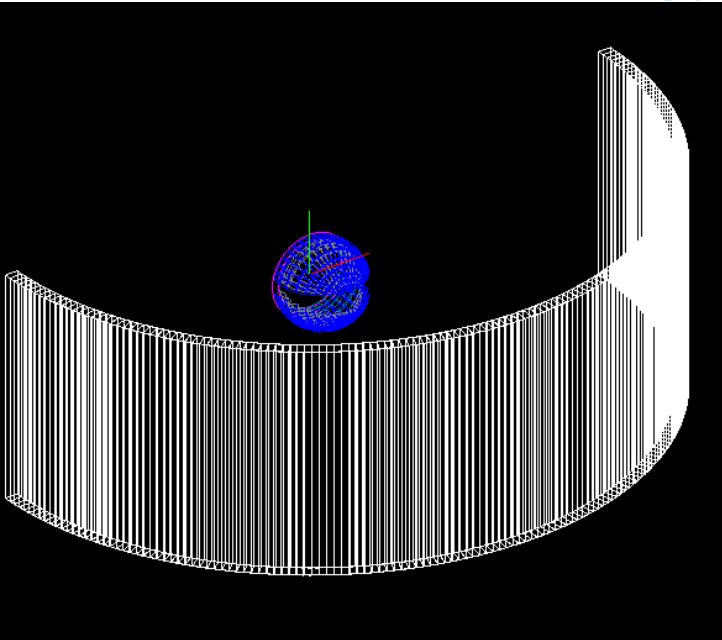
LAMPS Low Energy Experimental Setup

Geant4 based low energy LAMPS design

- Design of ΔE -E (Si+CsI) is completed
- Gamma array will be modified as spherical shape
- Forward Neutron Wall will be placed



LAMPS Low Energy Experimental Setup



To do list

- How to combine Geant4 geometries?
 - Work in progress
- Input event generator
 - PHITS (v2.30)
 - GEMINI
 - Other (Ning Wang at Guangxi Normal University)
- Prototype detectors
- Any thing else we have to consider?

