ArgonCube 2x2 Geometry (GDML)/ Integrating Paraview with ArgonBox

LANDWAG Meeting
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ArgonCube 2x2 Geometry (GDML)

Implemented with **NDGGD**: *https://github.com/gyang9/dunendggd*

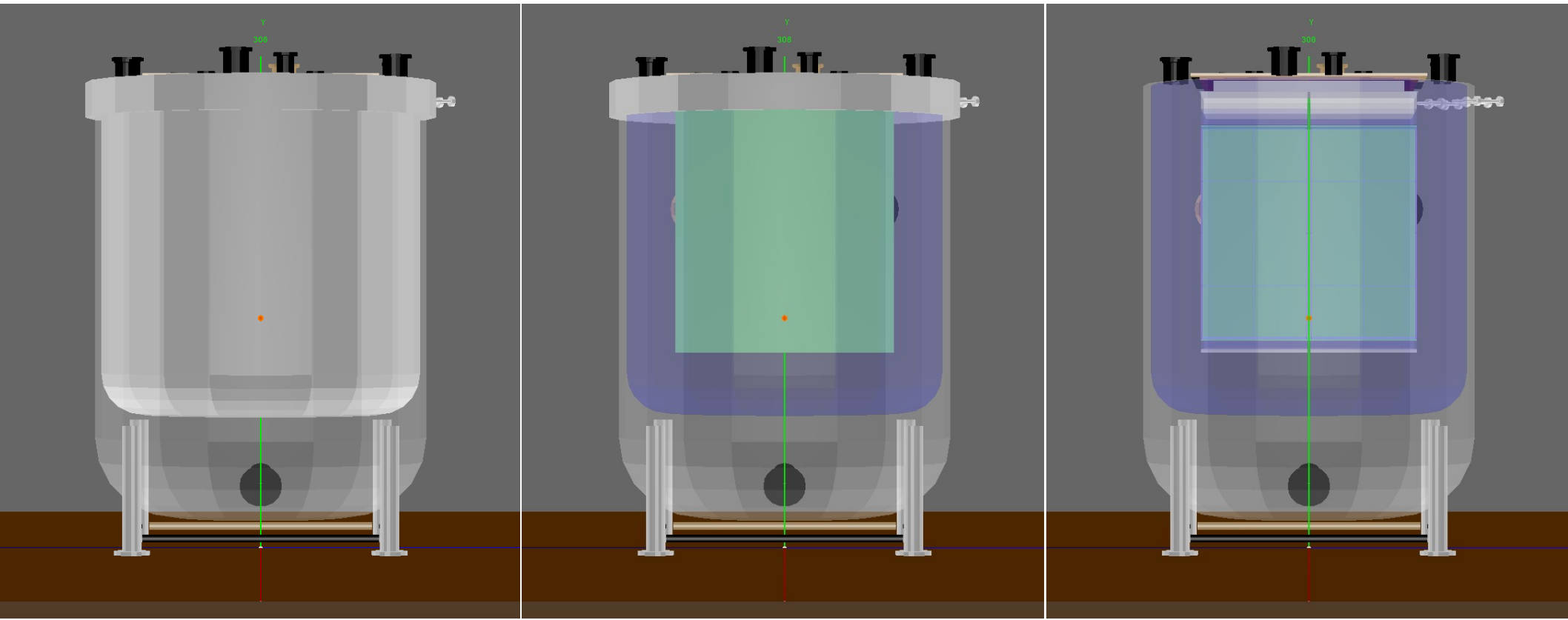
‘A tool for complicated detector geometry generation’

A simple geometry for **2x2 + cryostat** already exists:

https://github.com/hcsullivan12/arc2x2ggd

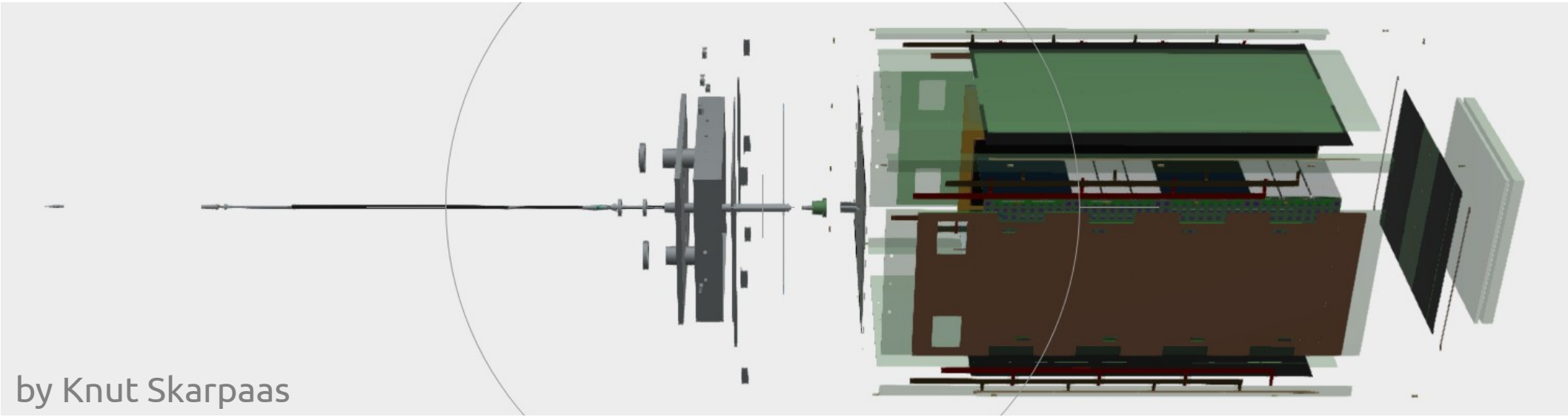
(with help of Hunter Sullivan)

ArgonCube 2x2 Geometry (GDML)



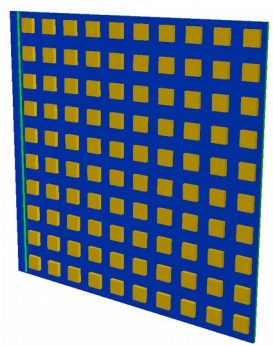
2x2 Design Updates

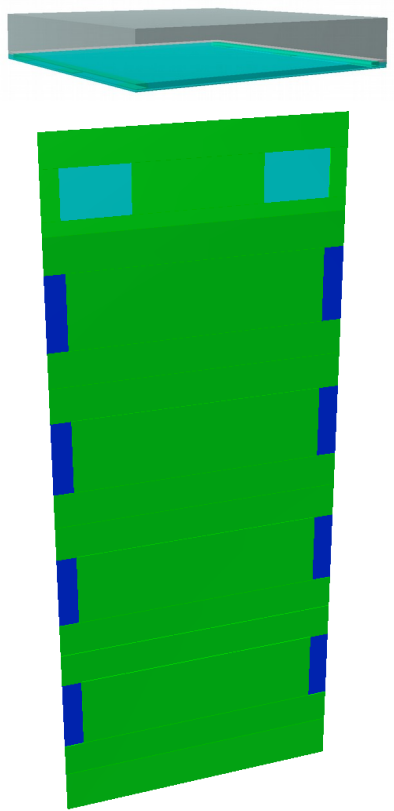
- A lot of additional details were added (Module Design Group):

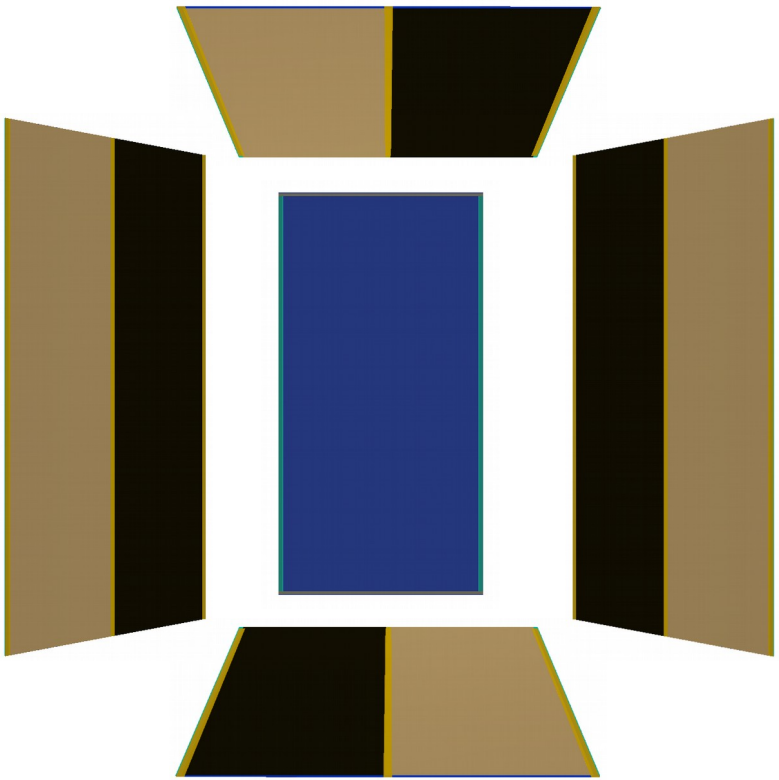


- 2x2 Module GDML needs to be updated
- Work towards a photon propagation library

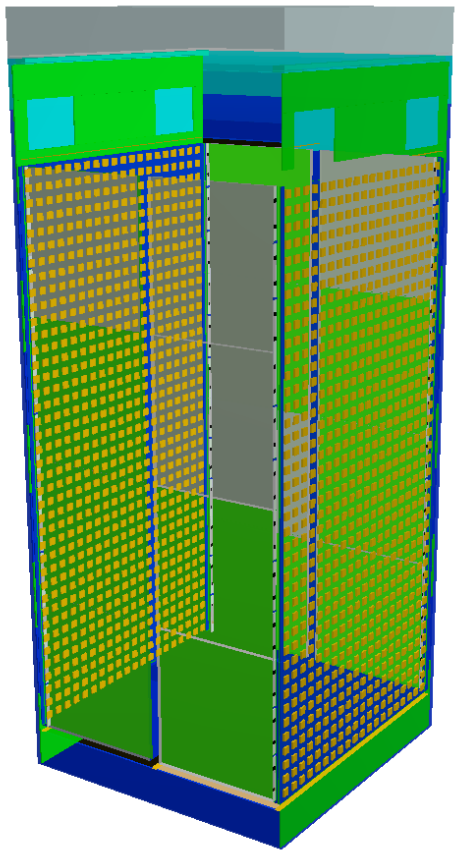
GDML Geometries for Sub-Systems

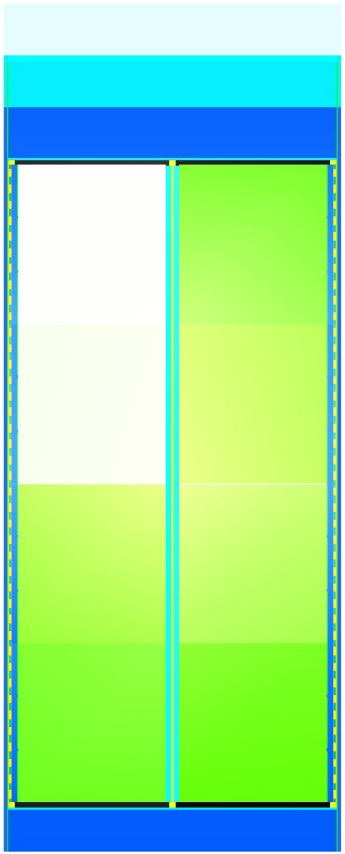


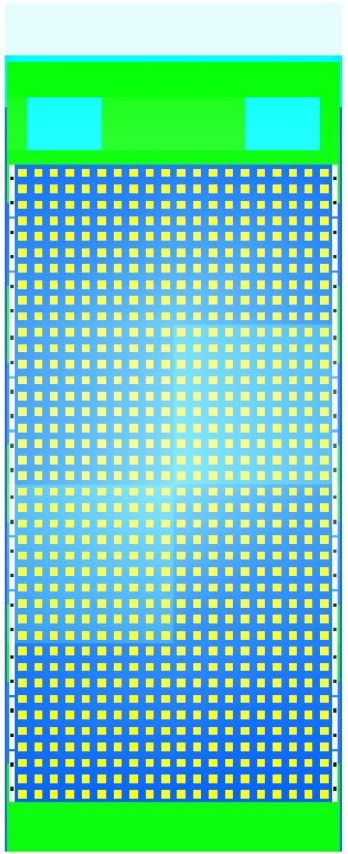


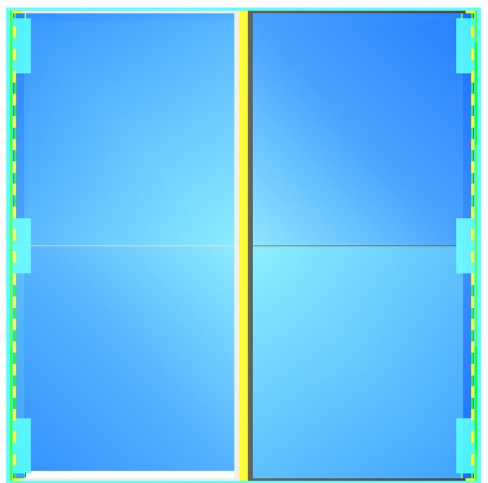


Putting Everything Together









Integrating Paraview with ArgonBox

For Linux: *https://github.com/PPKoller/EventDisplay_2x2*