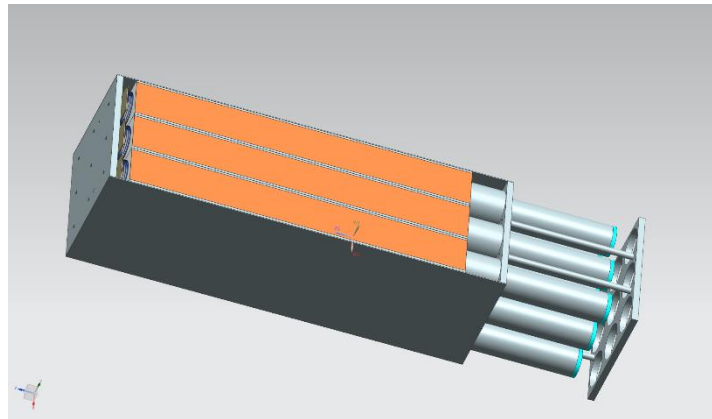# DSG Ansys R&D Meeting

Date: August 4, 2023
Time: 2:00 PM – 3:00 PM

Attendees: Aaron Brown, Pablo Campero, Brian Eng, Marc McMullen, and Tyler Lemon

1. **Hall A ECAL supermodule model created in NX12**

Screenshot of NX12 model of supermodule

2. **Hall A ECAL supermodule heating simulation**
   1. Model developed in NX12
   2. Developing steady state model for heating using thermal tape on its end plate
   3. Discussed debugging issues with meshing for very thin (~ 0.1 mm) aluminum
      - Aluminum wrapped around light guides to help contain light as it passes from lead glass block to PMT
      - Trying to use SpaceClaim to convert thin bodies into shells