

DSG Ansys R&D Meeting

Date: July 27, 2023

Time: 2:00 PM – 2:30 PM

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

1. NPS thermal analysis

Pablo Campero

1. Working on the mesh for the model
 - Completed surface mesh; added face size options for each of the 1080 crystals
 - Unable to complete volume mesh; error received at ~42% of meshing progress
 - Technical procedure for the error code suggests checking the minimum and maximum size of mesh cell elements
 - Might need to add local sizing options
 - Debugging in progress