

DSG-R&D EIC Meeting

Date: February 17, 2022

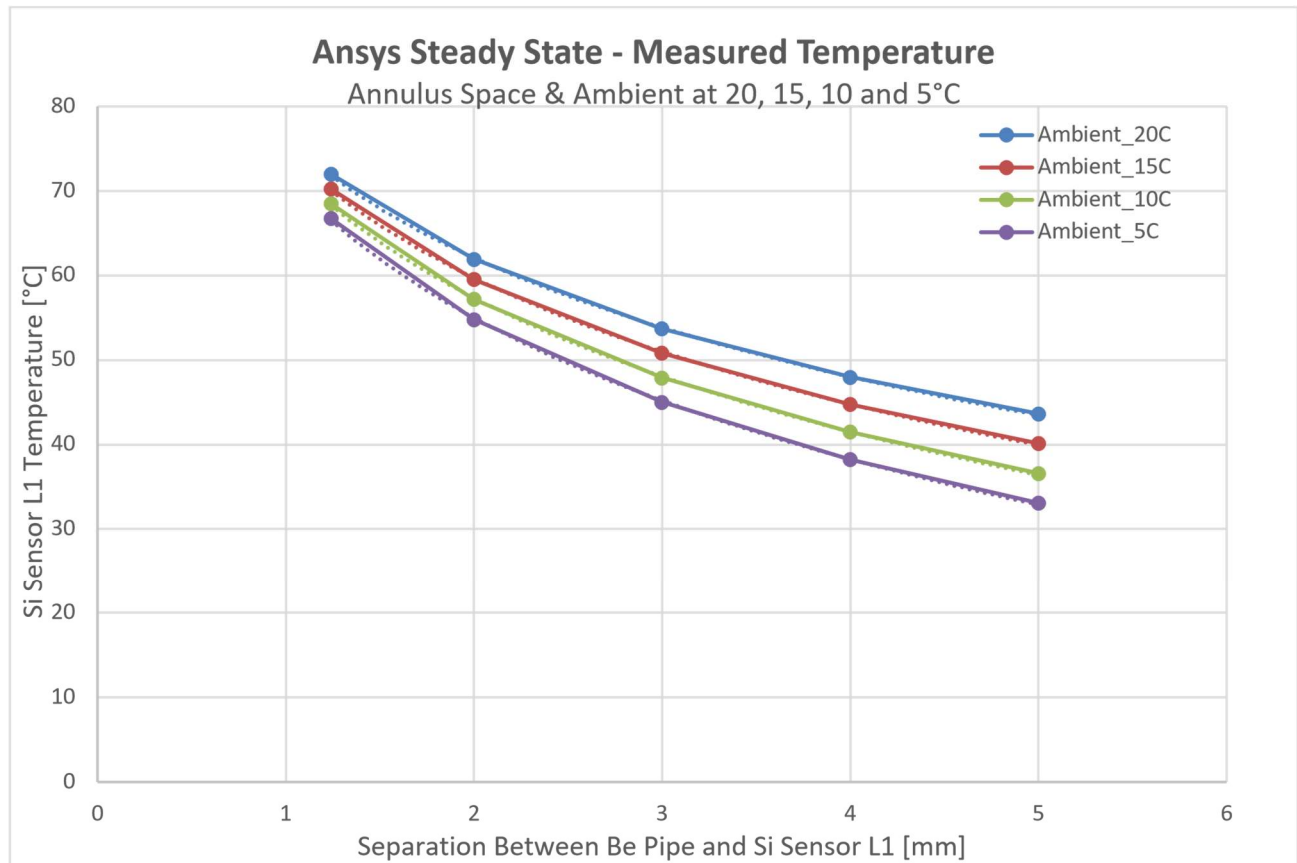
Time: 11:00 – 12:00

Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Mindy Leffel, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. EIC

Pablo Campero, Brian Eng

1. Heated beam pipe interacting with silicon using CFD (computational fluid dynamics) solver to add air flow instead of just boundary bodies
 - No license available for CFD; PR# 409778 in progress
2. Updated steady-state thermal model to simulate different separations & ambient temperatures



3. MPGD (micro-pattern gaseous detector) work for JLab designers/engineers
 - Received step file for Micromegas from CEA/Saclay
 - Have drawing numbers from large (150 x 40 cm) SBS GEMs; NX models on SharePoint and O:\ drive.