

## DSG-R&D EIC Meeting

**Date: March 3, 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
  - New CFD license; PR# 409778 all signatures complete and buyer assigned
  - Have some initial results, but need to verify setup (boundary conditions?) as temperature values seem incorrect.
2. MPGD (micro-pattern gaseous detector) work for JLab designers/engineers
  - Coordinating work with other detector CAMs
    - Initial B0 (one of the far-forward detectors) work nearly complete will start on GEM soon