

DSG Phoebus & EIC Meeting

Date: February 3, 2022

Time: 11:00 – 12:00

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

1. EIC

Pablo Campero, Brian Eng

1. Meeting with Micromegas
 - Presented their support concept
2. Still having licensing issues with Ansys (slightly different than the previous ones, no available CFD solver)
3. Updated steady state model to get results at different radii
 - Insert component(s) around/between actual material layers, e.g. between silicon and beryllium pipe (air @ 20°C)

Separation between Be-Pipe and Si-Sensor L1 [mm]	Max. Si Sensor L1 Temp [°C]
1.24	72
2	61.94
3	53.7
4	47.99
5	43.66

- Polynomial fit (for above radii): $y = -20.33\ln(x) + 76.2$, $R^2 = 0.9998$

2. Phoebus

Mary Ann Antonioli, Aaron Brown, Brian Eng

1. Possible alternatives to blinking indicator
 - Change shape of indicator – **text symbol works, but changing color needs rules**
 - Square, circle, star, etc
 - Use text
 - Colored Unicode characters – **emojis currently aren't rendered (all show up as same empty square)**
 - Use image / shading – **symbol (basically an image) works, need to test with transparency though**
 - Horizontal / vertical lines, crosshatch
 - Might have issues with scaling – **going from 100% to 200% didn't seem to cause any issues, haven't tried going smaller**