

NPS Collaboration Meeting Minutes

Date: December 02, 2021

Time: 09:00AM – 10:05AM

Attendees: Fernando Barbosa, Vladimir Berdnikov, Marie Boer, Aaron Brown, Rolf Ent, Tanja Horn, Steven Lassiter, Paulo Medeiros, Hamlet Mkrtchyan, Carlos Munoz, Christine Ploen, Julie Roche, Brad Sawatzky, Vardan Tadevosyan, Hakob Voskanyan, and Bogdan Wojtsekhowski

1. High Voltage Dividers

Fernando Barbosa

1. PCB design revisions completed – four layers with shielded input trace
 - Will be tested to assess detector shielding impact on baseline noise
2. Requested quotes from two manufacturers for PCB fabrication
3. Long lead time: 10-12 weeks – this will push detector assembly back by a few months (April 2022)

2. DSG Update

Aaron Brown

1. Presented [NPS Collaborators' Meeting](#) DSG Update
2. ESR film pre-shaping ~55% completed
3. Discussed EPICS CSS Phoebus screen development
4. Reviewed additions made to Ansys model for thermal simulations

3. Detector Pre-Assembly

All

1. A list of items needed for pre-assembly will be generated
2. Vladimir Berdnikov will contact Amrit Yegneswaran regarding DSG participation in crystal wrapping after ESR film pre-shaping work is completed
3. Crystal wrapping work will be done in EEL 126

4. Next meeting: 2021/12/16