

## NPS Collaborators' Meeting Minutes

**Date:** February 25, 2021

**Time:** 9:00AM – 10:00AM

*Attendees: Arshak Asaturyan, Fernando Barbosa, Vladimir Berdnikov, Marie Boer, Aaron Brown, Alexandre Camsonne, Rolf Ent, David Hamilton, Tanja Horn, Charles Hyde, Steven Lassiter, Paulo Medeiros, Hamlet Mkrtyan, Carlos Munoz, Julie Roche, Brad Sawatzky, Vardan Tadevosyan, Bogdan Wojtsekhowski, Carlos Yero*

1. Discussed irradiation tests for transmittance loss in ten crystals and [presentation](#) by Carlos Munoz
  - 1.1. At 30 Gy, there was a 10% loss; bleaching recovered loss
  - 1.2. At 1 Mrad, there was a 30% loss; recovered by annealing at 250 °C
2. DSG Update
  - 2.1. Aaron Brown presented [NPS Collaborators' Meeting](#) DSG Update
  - 2.2. Mindy Leffel fabricated five of 40 Radial-to-SAMTEC-connectors HV cables
    - 2.2.1. SAMTEC connectors labeled 1, 2, and 3 for the 15-pin, 15-pin, and 6-pin connectors, respectively
  - 2.3. Marc McMullen is developing the cable test chassis
  - 2.4. Tentative signal list has been updated; 180 monitored signals
  - 2.5. Dew point interlock updated to  $\leq 4^{\circ}\text{C}$
  - 2.6. Aaron Brown is developing a CSS-BOY screen to turn on/off all modules' channels
3. Anode current measurements [presentation](#) given by Vladimir Berdnikov
4. Next meeting: 2021/03/04