

DSG-GEM Meeting Minutes

Date: April 26, 2021

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. Super BigBite Gas Distribution System

Mindy Leffel

1. Assembled four of six Gas Flow Sensor chassis

2. Proposed GEM gas distribution system for proton therapy

Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Tyler Lemon, and Marc McMullen

1. Met on 04/22/2021 with the representative from the UVA/Hampton University Proton Therapy Institute (HUPTI) research team to discuss development of a GEM spectrometer that would be used to verify the detection of cancerous tissue in the body
 - DSG reviewed a [presentation](#) of the preliminary scope of the project
2. The UVA/HUPTI group has reviewed gas distribution and monitoring documentation on the DSG website and is interested in using the DSG system for their medical detection system
3. DSG has requested system specifications