Updating Interface Control Documents (ICD)

- We are working to update multiple tiers of interface documents
 - Integration to cryostat, cryogenics, conventional facilities <u>https://edms.cern.ch/document/2391433/1</u>
 - Integration and Infrastructure to various FD1 detector elements (one high level document and separate appendices for each consortia) Please review these <u>https://edms.cern.ch/project/CERN-0000214664</u>
- Developing FD1 interface drawings for the installation process <u>https://edms.cern.ch/document/2452646/2</u> Please review these
- And the FD1 consortia should review and update their various ICDs between consortia
- FD2 documents will be developed as the design develops and matures

Model integration

- <u>FD1</u> models are stable (V8), but will begin to dive into the details for connections, support and access to elements on the roof of cryostat
- <u>FD1 Installation Cleanroom</u> a new version based on V8 of FD1 model is posted
- <u>ProtoDUNE II</u> version 6 in the works
- <u>FD2</u> version 2 is being developed as the component/detector design matures