

Technology Department @ STFC Daresbury Laboratory

Roy Lemmon

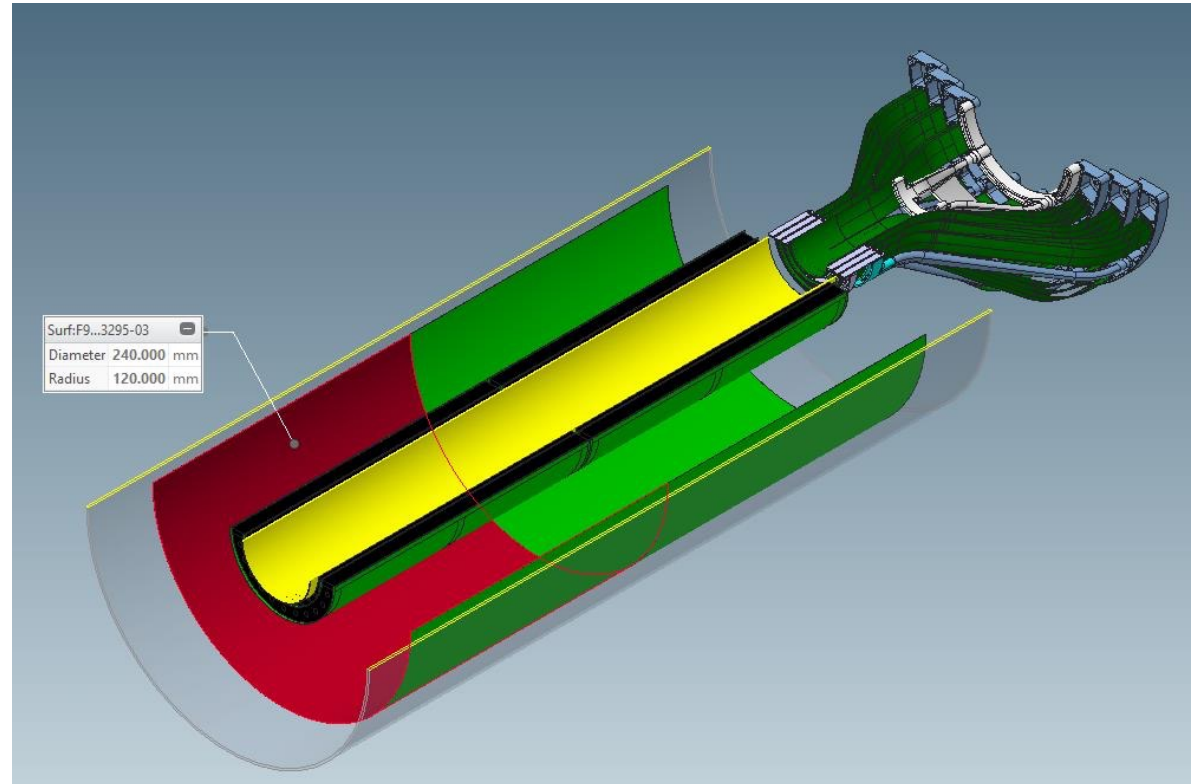
Current Activities for WP1:

- Conceptual Mechanical Design of SVT
- MLR Testing: RAL IP block, DPTS Sensor Testing

Conceptual Mechanical Design

- TD@DL Mechanical Design Group (R. Smith)
- Initially concentrating on ALICE ITS3 layout
- Established ability to exchange CAD and STEP files with ALICE Mechanical Design Group
- Incorporate barrel and disk structures into CAD
- positions of vertex, barrel and disk
- Services layout: cabling, cooling etc.

- Overlap with Oxford ?



MLR Testing

X-ray generator – W tube, 60kV 50A

- TD@DL Detector Systems Group (M. Borri)
- ITS3 RAL IP Block testing ongoing
- ITS3 DPTS sensor testing starting
 - M. Buckland has joined the DSG from Trieste
 - Currently DPTS sensor testing coordinator for ITS3
 - DPTS testing components have arrived in DL now
- Irradiation of these components with X-rays can now be done

