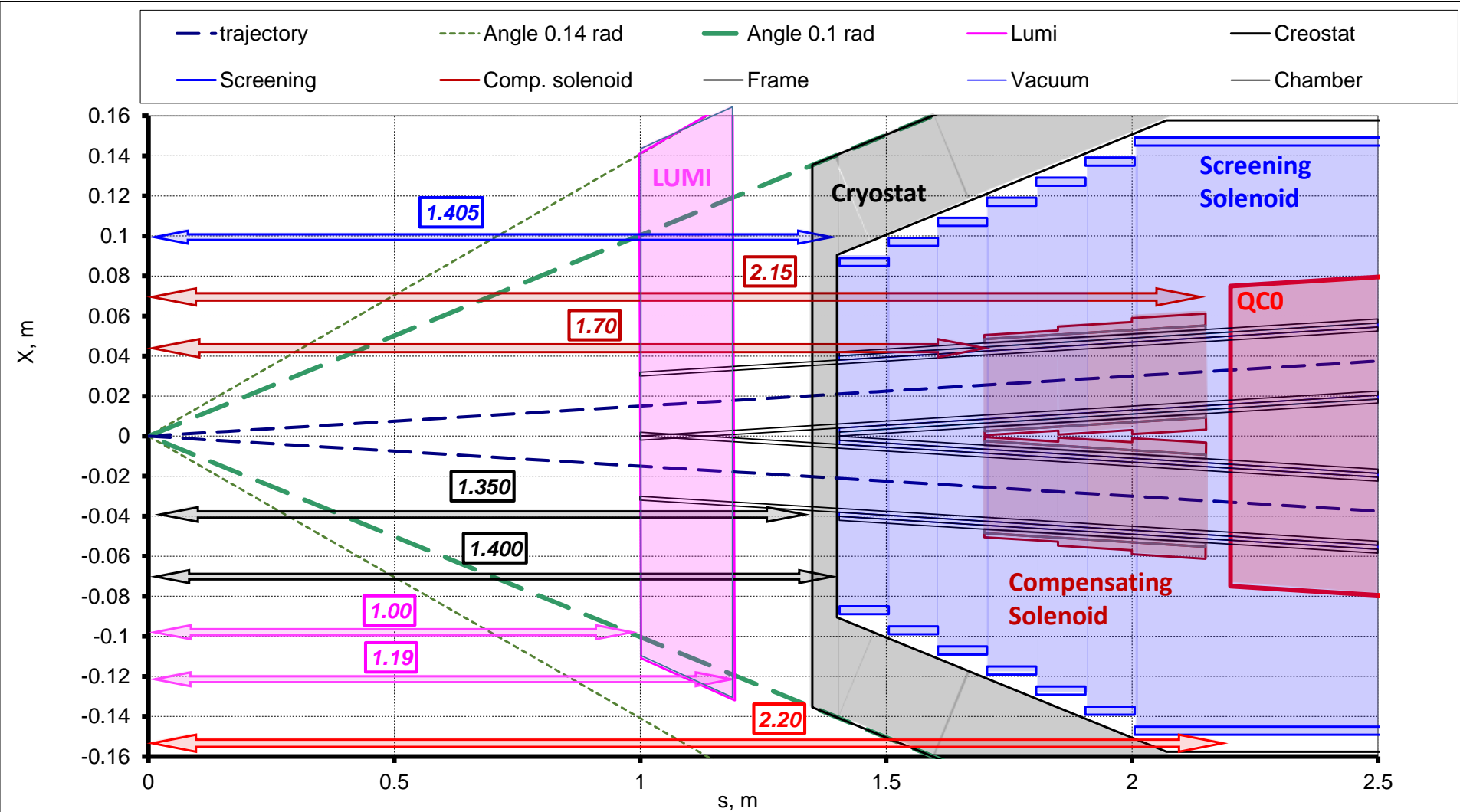
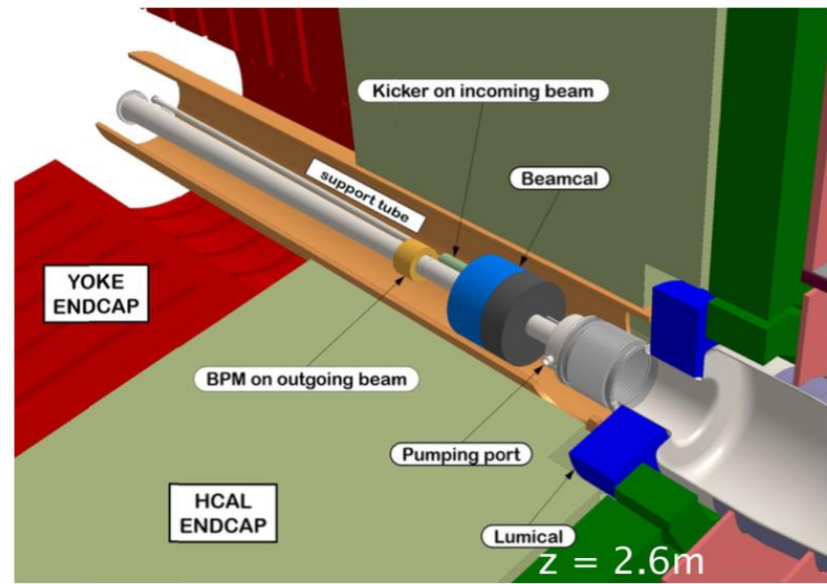
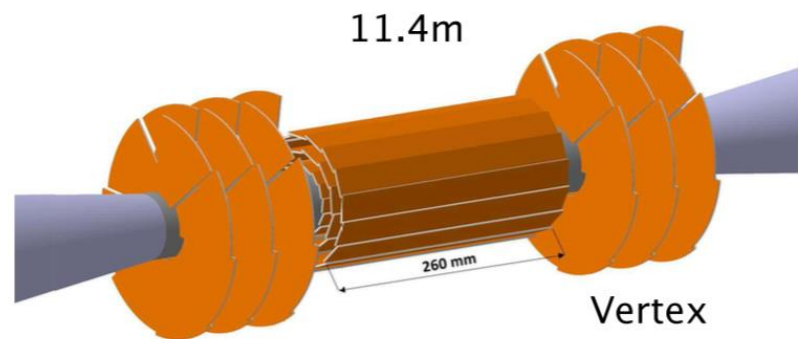
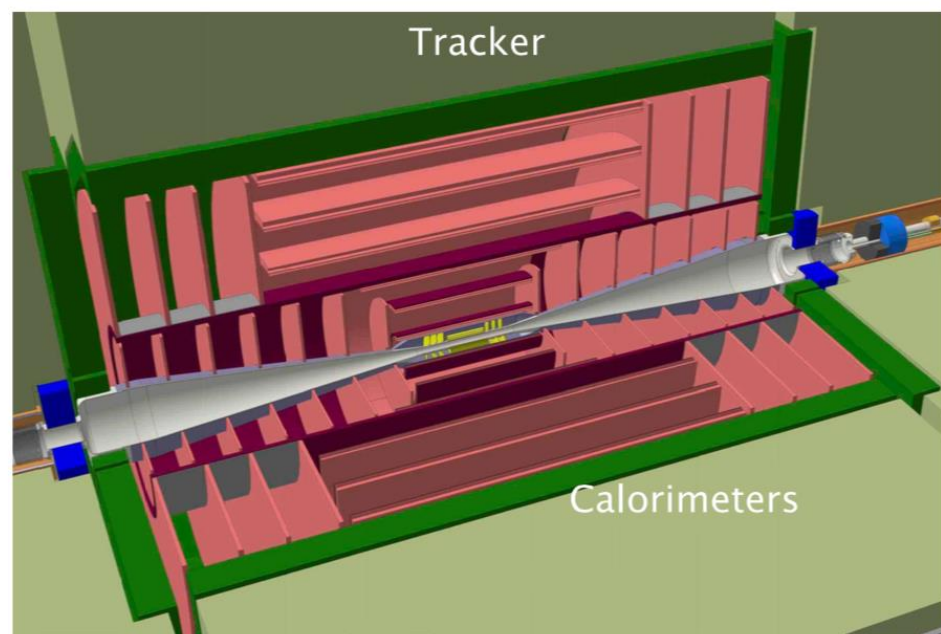
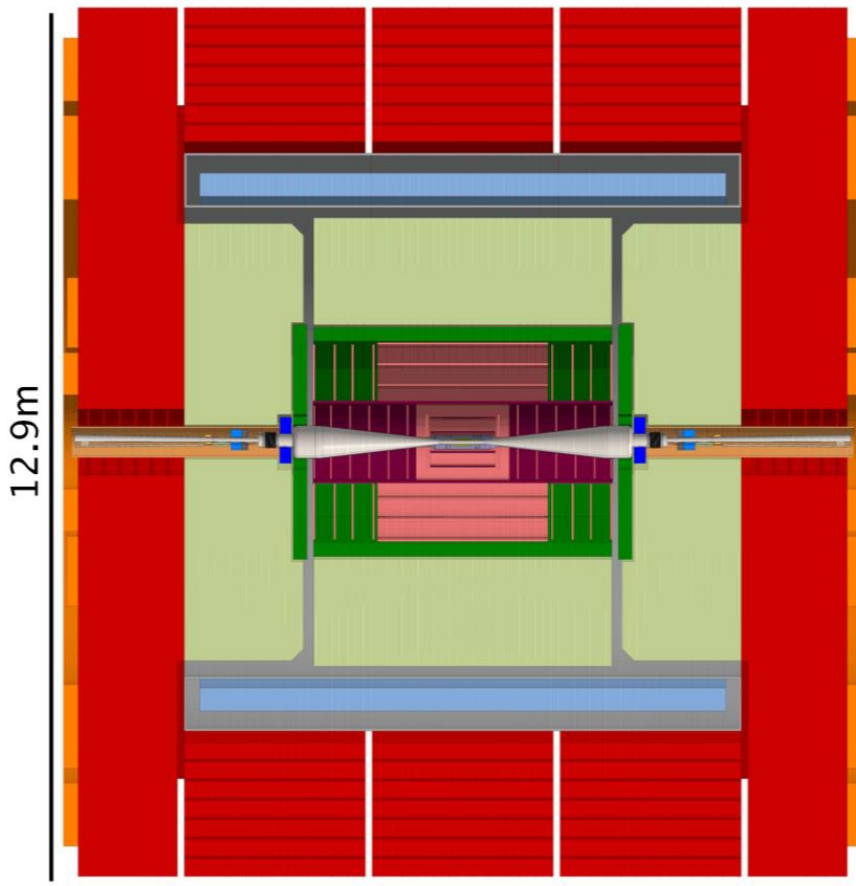
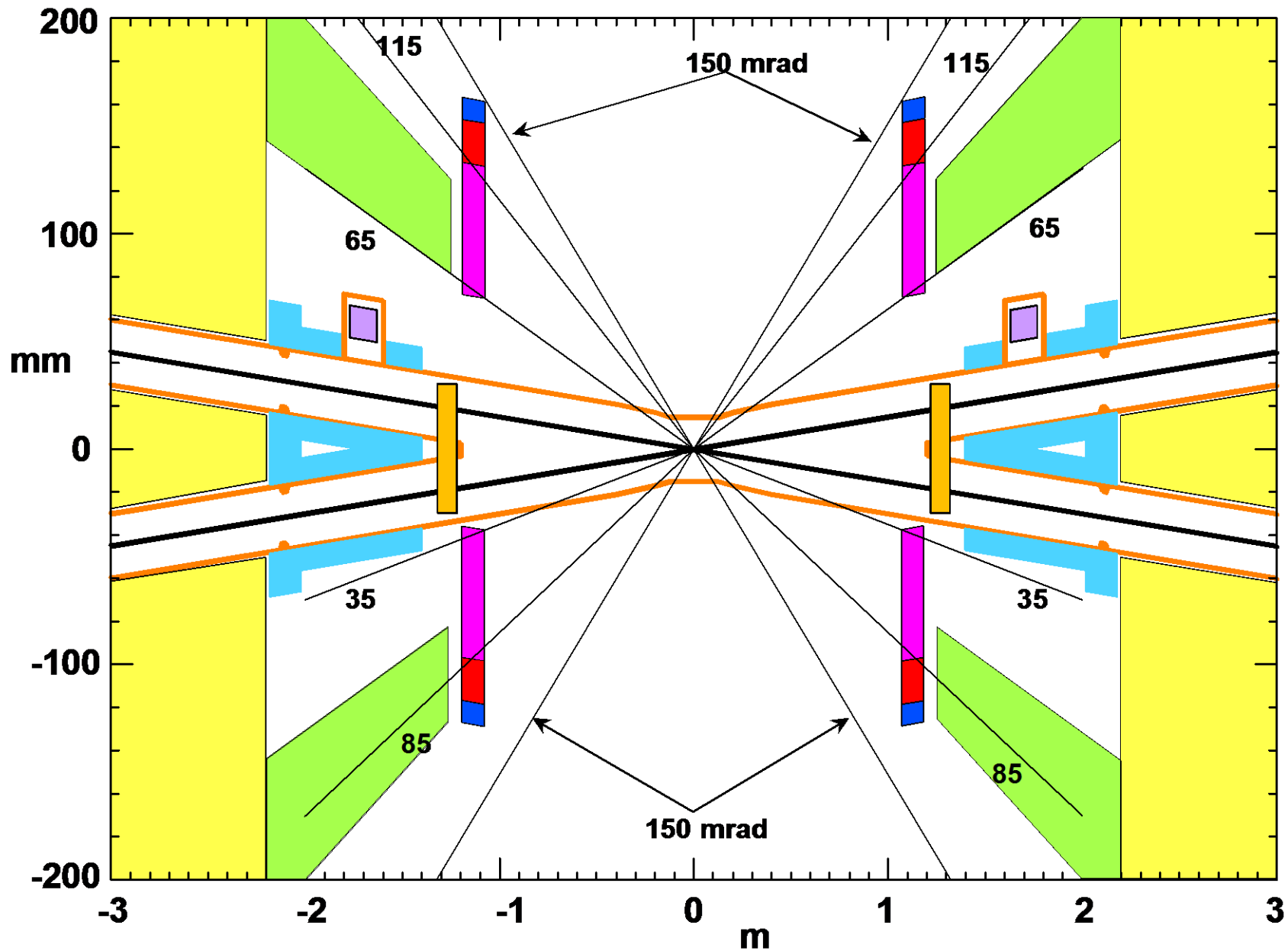


IR Layout and mechanical integration issues



CLIC Detector layout

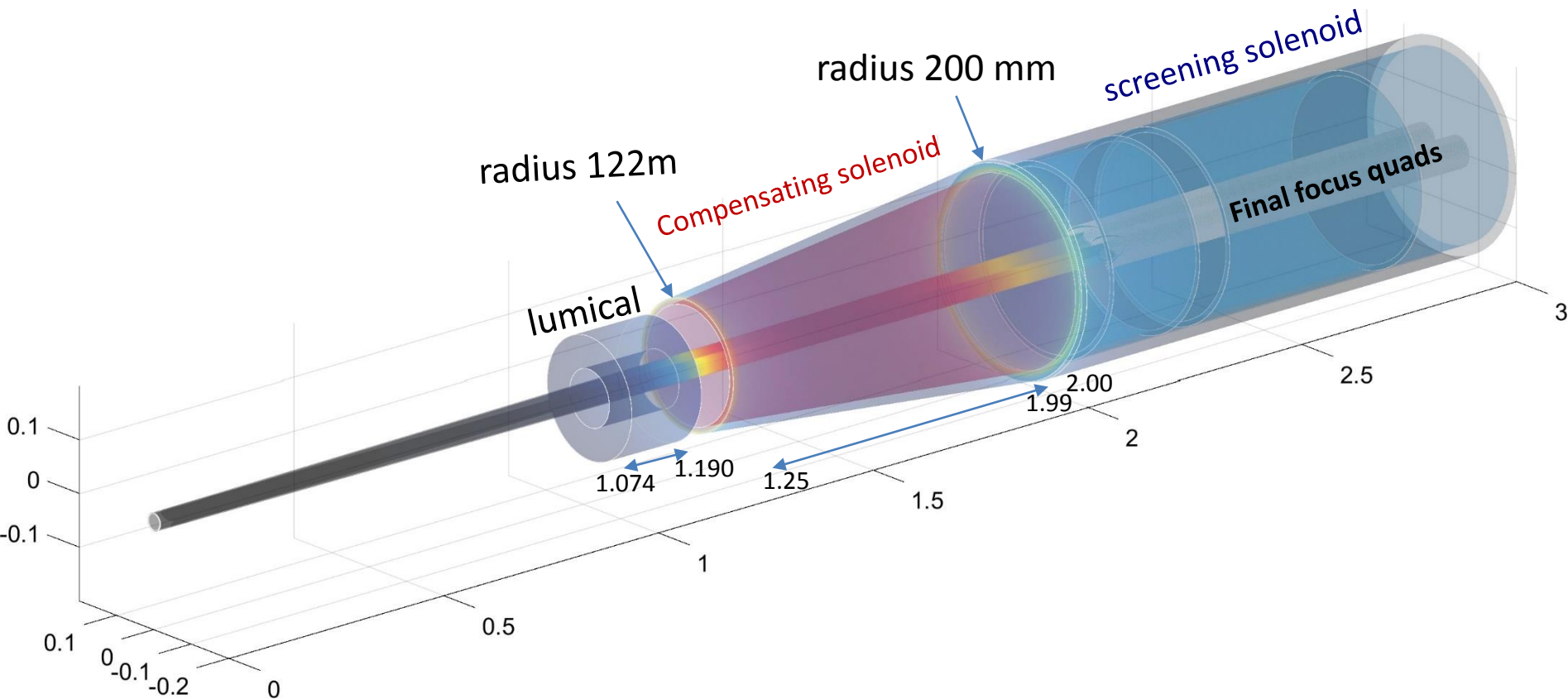




M. Sullivan, NEW updated IR Layout
 from 2nd Mdi workshop (Jan.30-Feb.9, '18)

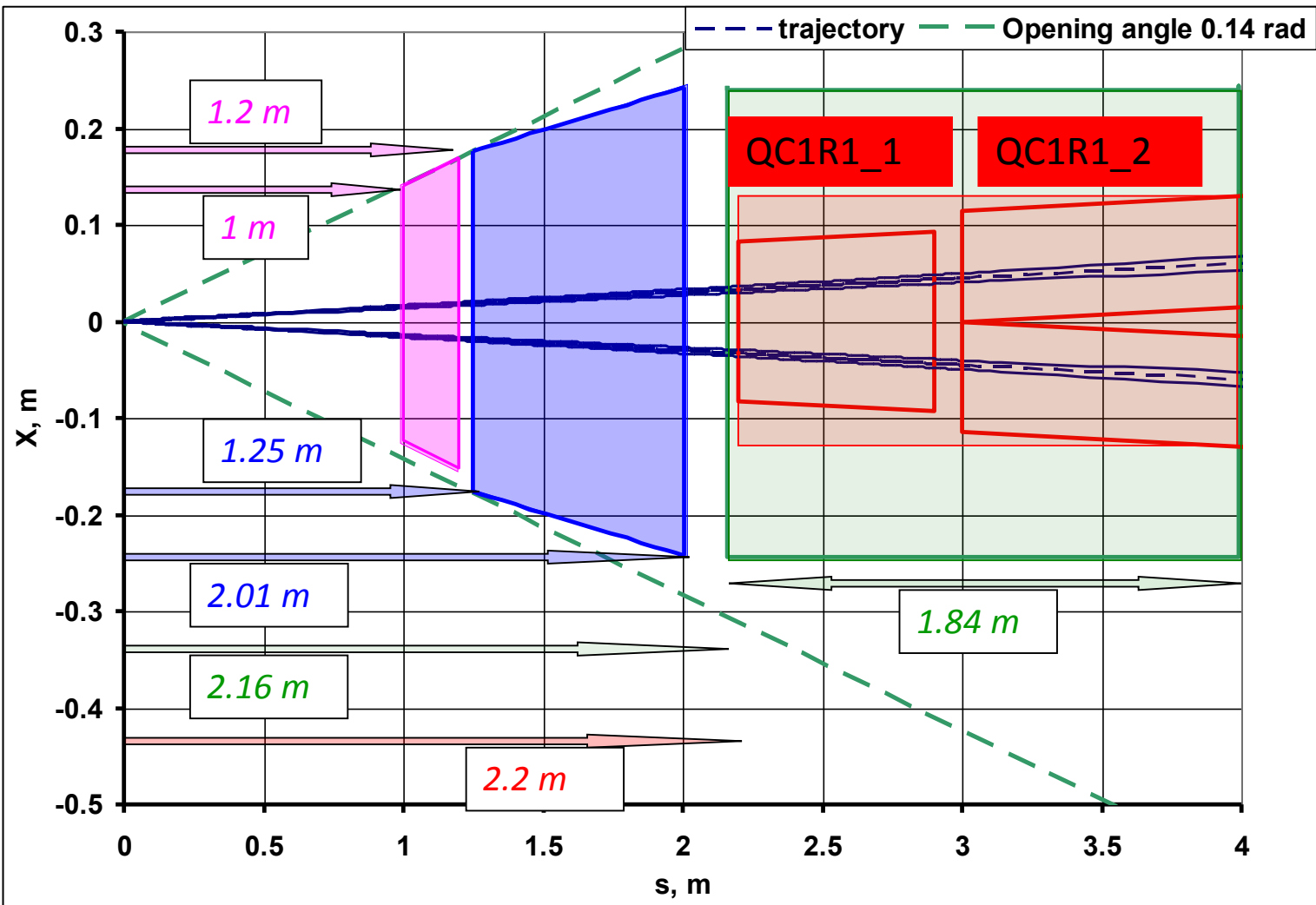
<https://indico.cern.ch/event/694811/>

The IR 3d view with magnets and lumical



- **detector solenoid** dimensions 3.76m (inner radius) (outer radius 3.818m) × 4m (half-length)
- **drift chamber** at z=2m with 150 mrad opening angle (IDEA design)

Layout



QC1R1_1: $L = 0.7$ m, $K1 = -75 / -75$ T/m, $R = 0.015$ m

• QC1R1_2: $L = 1.4$ m, $K1 = -173 / -166$ T/m, $R = 0.0175$ m