

Milestones

- High priority:
 - Envelope updates – awaiting guidance from GD/I group
- Data model – Summer/Fall 2022*
 - Addition of components / datatypes for IRT, and other algorithms – try to keep them ‘common’
 - Revisions to existing components / datatypes
 - Members
 - Relations
 - Any extra code
 - Add “extra” information helpful for dRICH development, that could be turned on/off with a switch
- IRT integration – Fall/Winter 2022/3
 - Relation of charged tracks to sensors
 - IRT merged, with benchmarks
 - Compare to previous performance
- Alternate algorithms – Fall/Winter 2022/3
 - Apart from the robust chi2 algorithm
 - Help needed, development could be in parallel with IRT integration

* time estimates are approximate and conservative, to account for unexpected delays, e.g., refactoring needs to keep up with upstream changes

Milestones

- Optimization of optics – Summer/Fall 2022
 - Model focal points for sensor placement guidance
 - Dual / Multi Mirrors
 - Re-align with the proton beam?
- Update materials – Summer/Fall 2022
 - Sensors update is ongoing
 - Need help with other materials
 - Consider non-CF gas options (pressure, vessel updates, ...)
 - Automate generation of material tables (integrate the shared optics header)