

Updates

- Global Design / Integration WG - <https://indico.bnl.gov/event/17076/>
- Tracking WG - <https://indico.bnl.gov/event/17080/>
- Lab and R&D,
- Geometry implementation in simulations,
- Track finding development,
- Upcoming simulation campaign - (<https://indico.bnl.gov/event/16028/>)
- Studies of thresholds - <https://indico.bnl.gov/event/15858/>
- Electron studies - <https://drive.google.com/file/d/1pLGcEURv4jIKpxAUmH9gdzdtMQMcAlxw/view>
- AOB

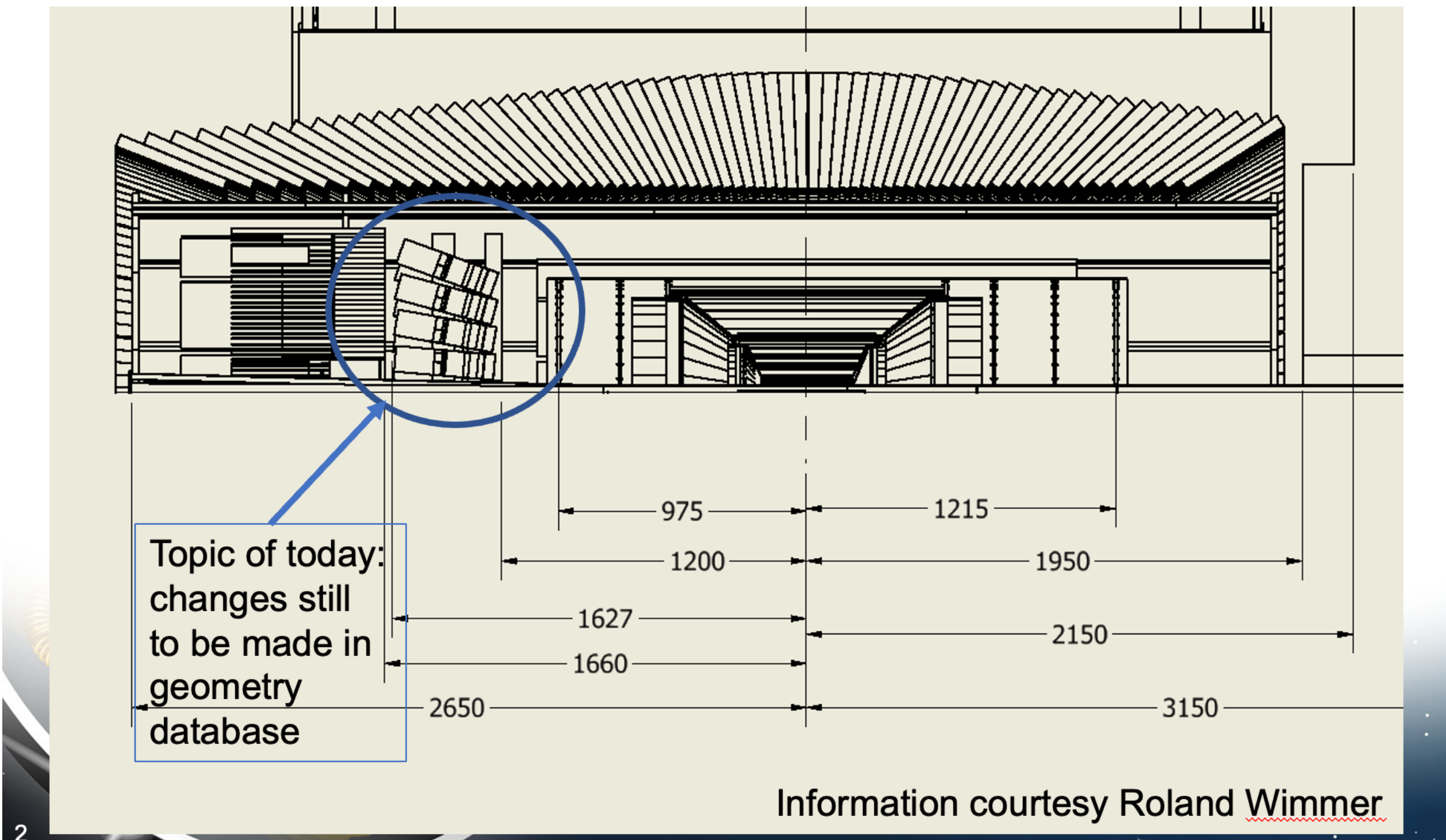
Global Design and Integration WG

Backward Detector Integration

What we need to watch out for

- Do we have enough space for the detector, its readout and services
- Does a detector, i.e. its material, impact the performance of other ones

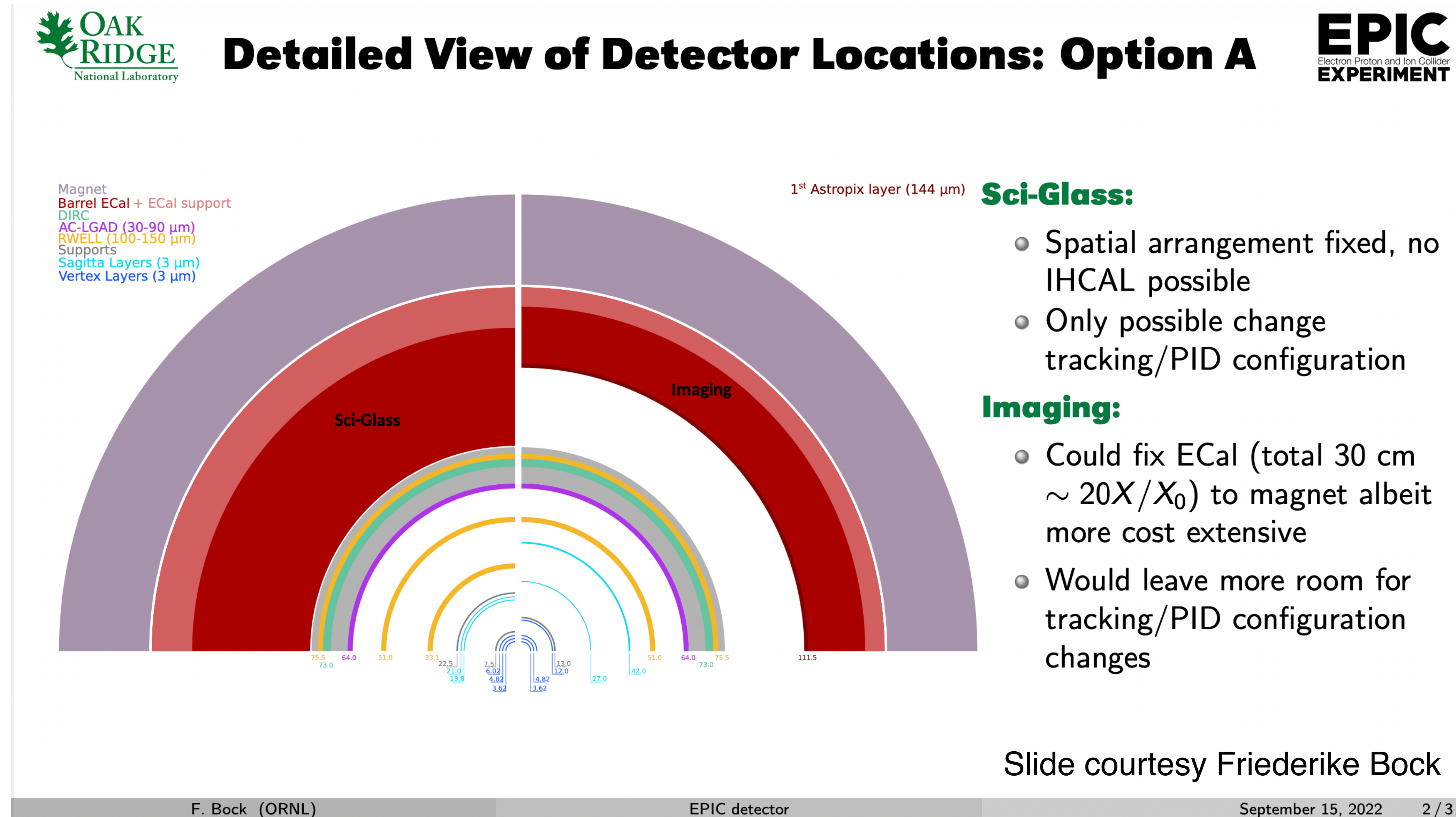
Overall integration model that we try to keep consistent with the geometry database



Slide courtesy Rolf Ent

Tracking concerns here are 1) the decreased lever arm compared to agreed-on WG configuration of August 29, and 2) bifurcation of PID configurations between mRICH/pfRICH and with/without ToF leaving a range for $\min(z)$ between -1.35m and -0.85m (!)

Tracking WG - joint with Calorimetry



Slide courtesy Friederike Bock

Is the space afforded by the imaging eCal in option A a something we want to engage with for tracking optimization?

Option B in this presentation uses the space gained from an imaging eal for an inner hCal