

CRP news

D.Duchesneau, S. Tufanli

CRP6 cold test is going to be ended tomorrow, we collected several runs in different HV bias and electronic configurations during 3 weeks (cf: next talks from Roger and Laura)

- ⇒ Improvements on the A side clearly identified with the modifications done to shield cables, ground braid connections,
- ⇒ no particular change on the B side which was not modified

- ⇒ 2 remaining items to solve:
 - ⇒ the behavior of the CRU –B side corner and some channel misbehavior during cooldown
 - ⇒ the transparency of the anode plane ; the origin of the later has been identified at the perforated PCB production level (thanks to detailed imaging of the PCBs and analysis from Luis); the solution is being worked on with the companies
 - ⇒ 2 companies (Alba and Tecnomec) are involved in the process of producing new anodes

- ⇒ A new bottom CRP prototype will be built and tested in the summer (reusing the composite, the adapter boards and the edge cards) but replacing all anodes

To discuss with BDE: the optimisation of an additional test of the new FEMBs on CRP6 before August (was started 1 hour ago at the TB meeting)

CRP meeting
April 24th 2024

Collaboration meeting: 20-24/05 at Fermilab

- 2 CRP parallel sessions slots requested: 23/05 from 9am-10:30 and from 11:00 to 12:30
like last meeting we envisage to do a combined BDE-CRP part in a session
- review the activities and status on the various fronts (
CRPs,
components,
assembly sites,
planning, schedule,
coldbox test results
- call for talk proposals

