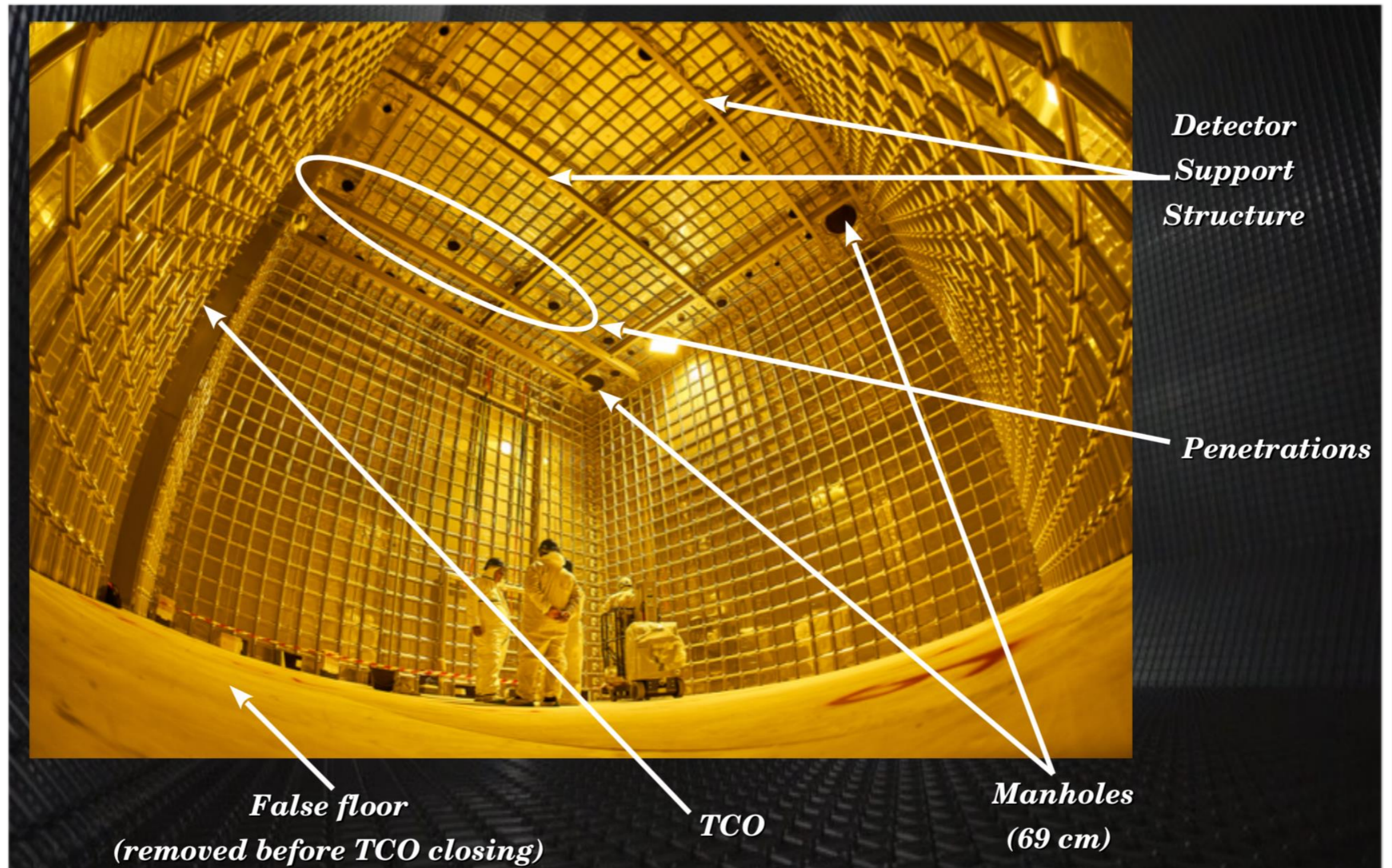


Short status report on NP04

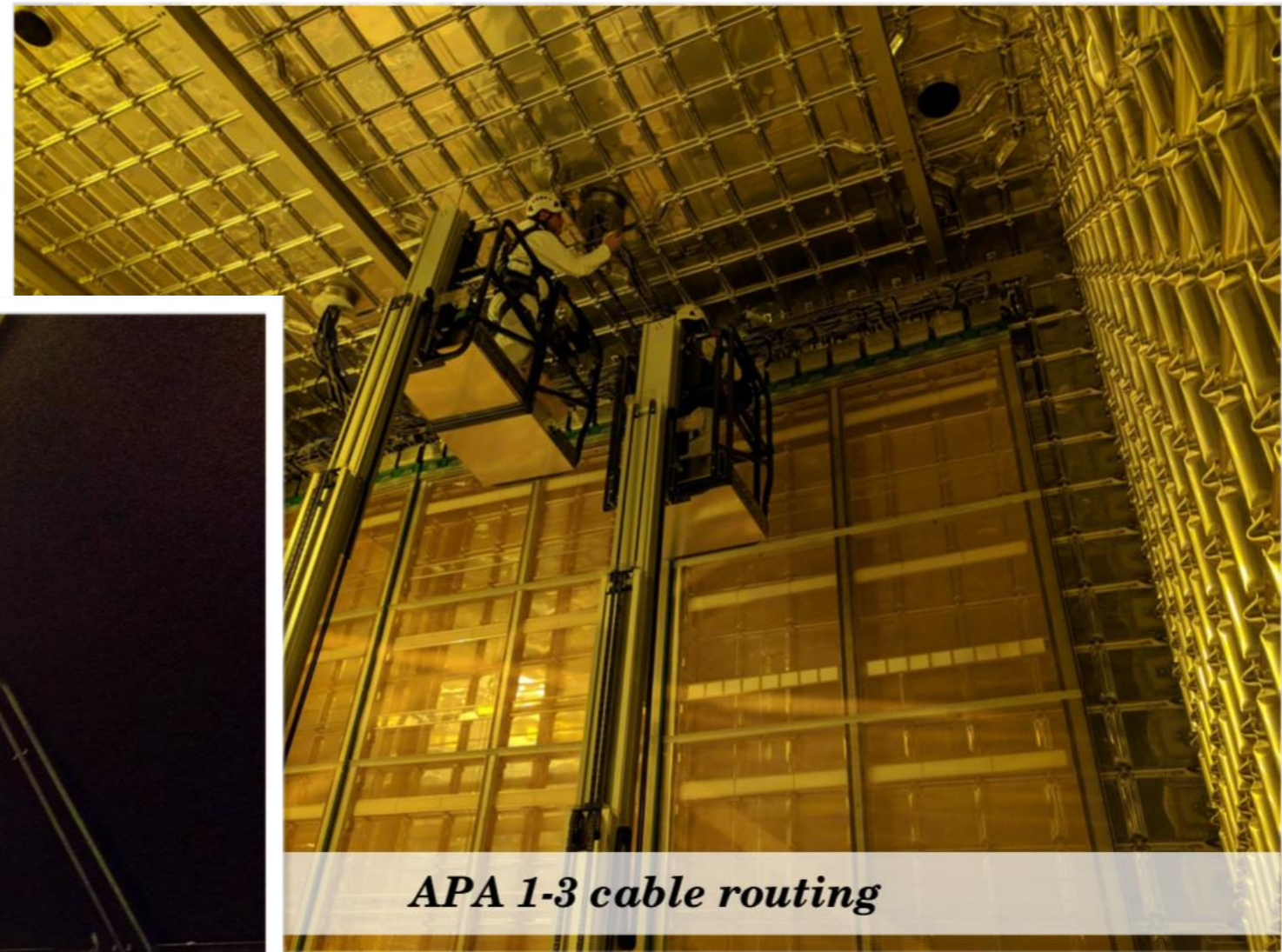
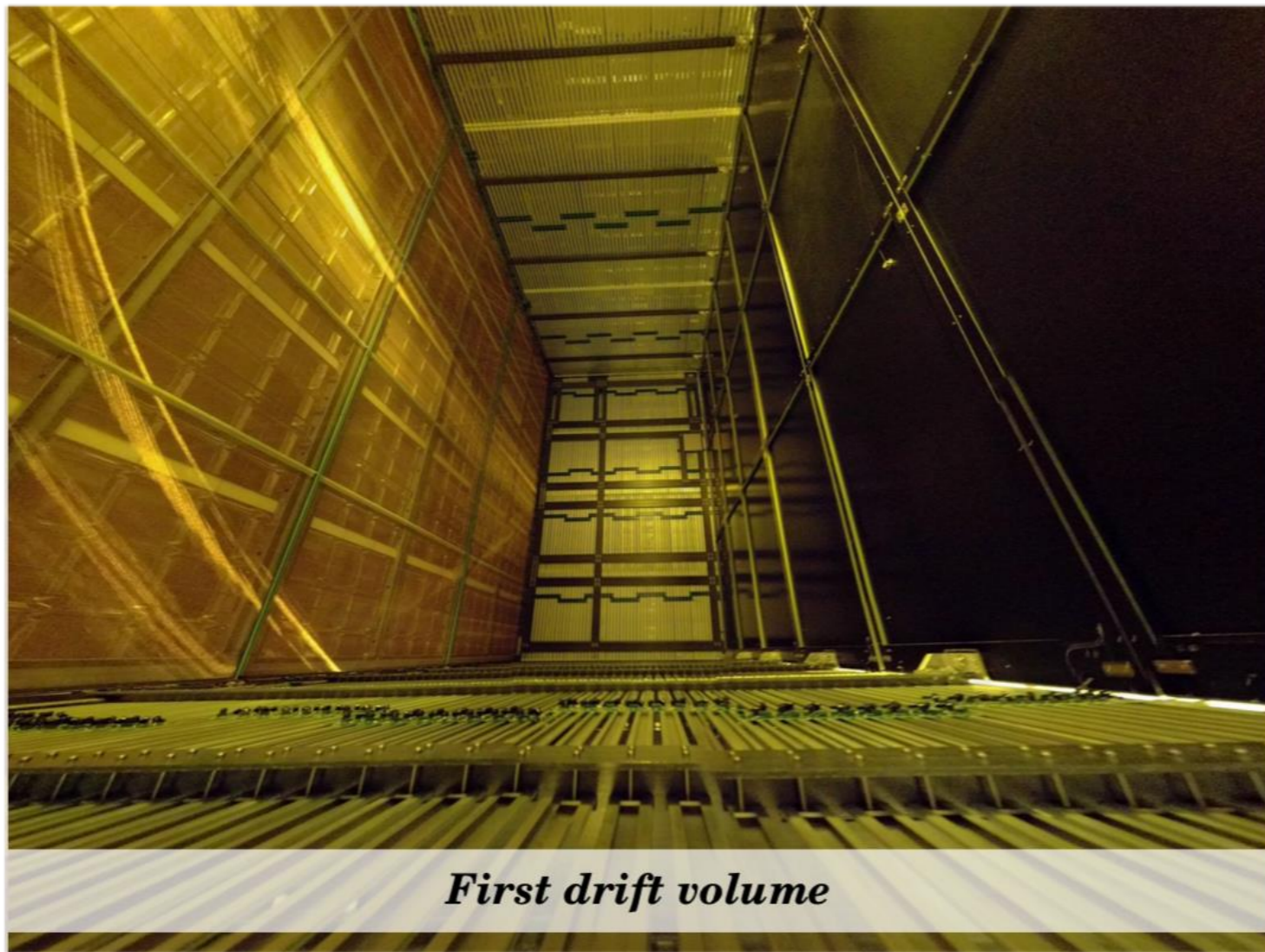
Filippo Resnati on behalf of NP04

ProtoDUNE cryostat

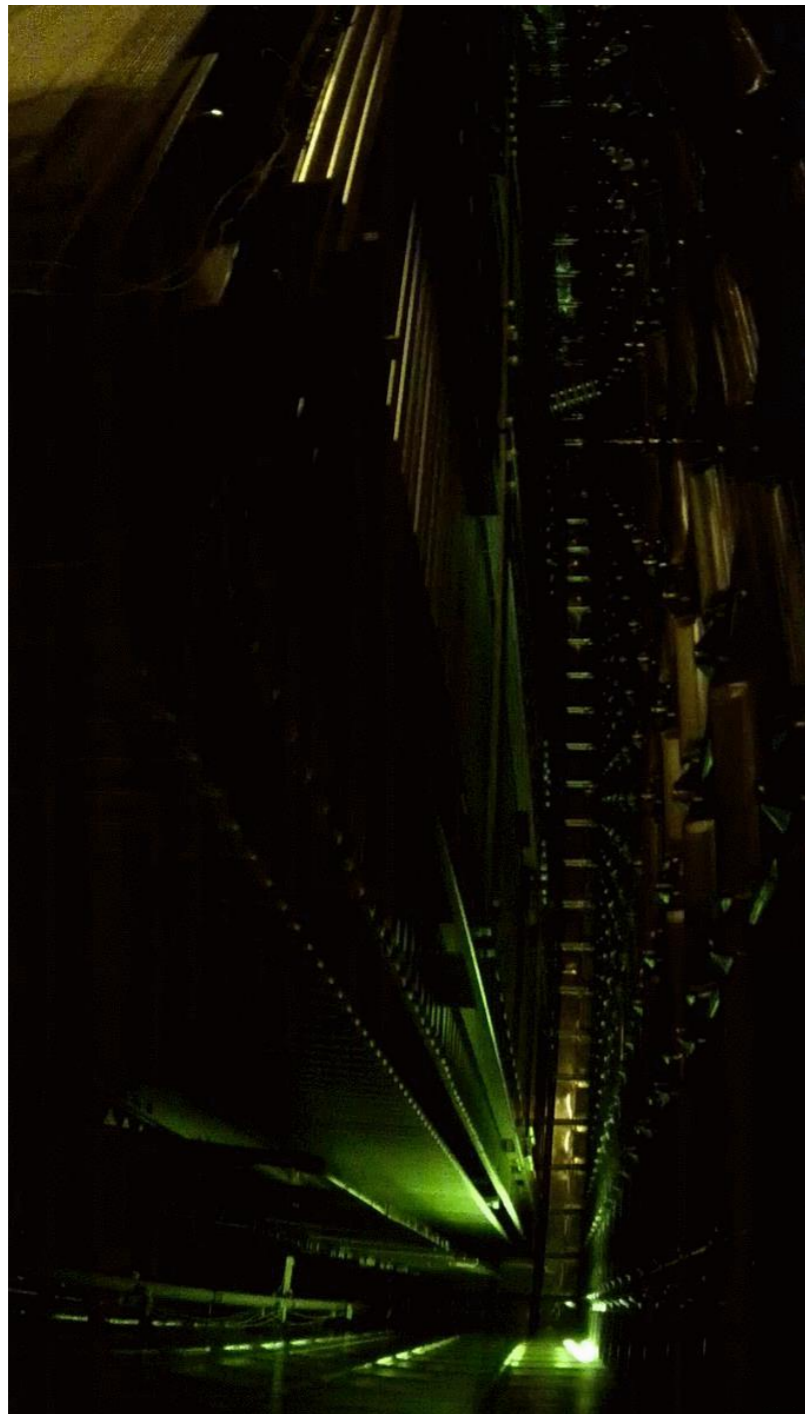
Slide from Roberto Acciarri



NP04: single phase LAr TPC



Filling & purification



Start filling: August 8th

End of filling: September 13th at 04:00

About 750 ton of pure liquid argon
between 20 ton/day and 60 ton/day

Start filling: 18th September at 13:00

About 7 ton/h constantly purified

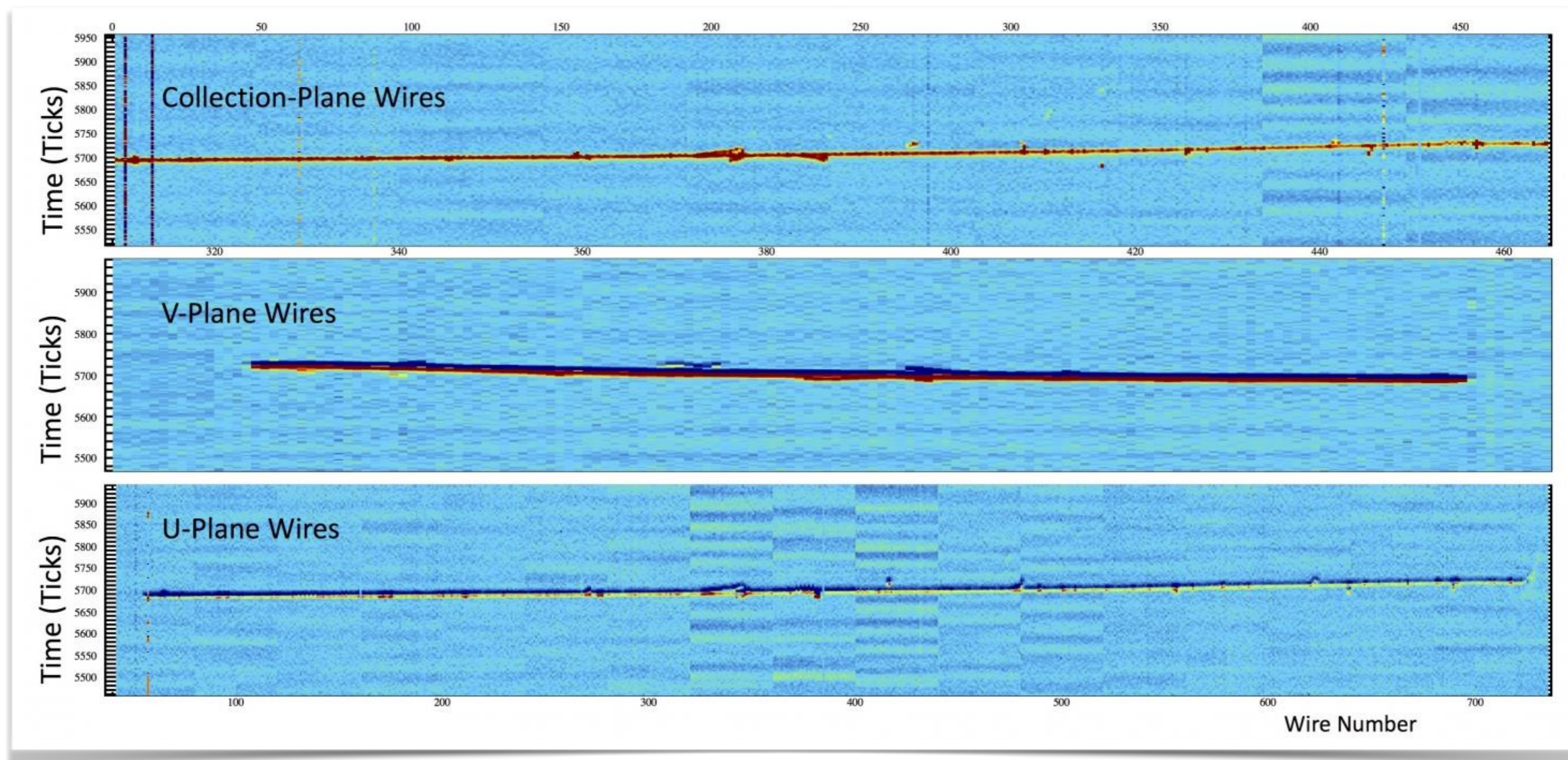
Free electron lifetime improving

Cathode HV

Voltage stable up to -150 kV
Found issues in the power supply ramping up to -180 kV
Issue solved in past few days
Ramping up right now from -120 kV to -160 kV



One of the first tracks



Cathode -120 kV

3D reconstructed 3.8 m long

Some other events

