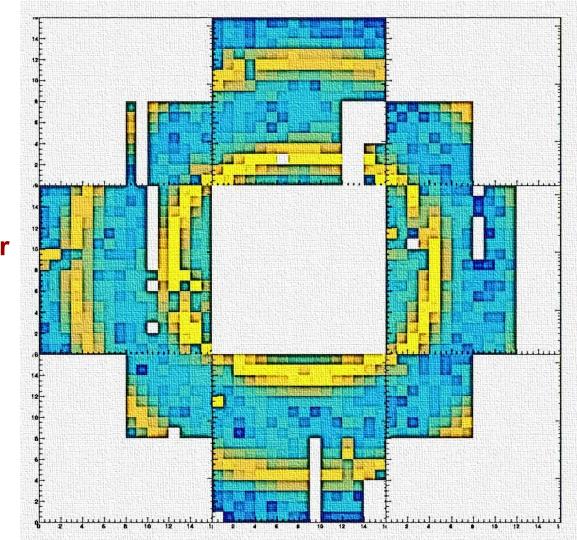
ePIC-dRICH beam test 2023

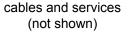
prototype SiPM photodetector

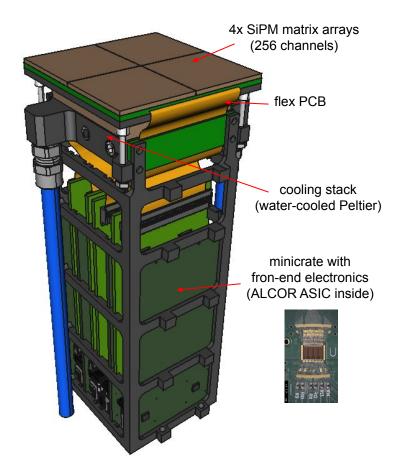
Roberto Preghenella BO, CS, CT, DUKE, FE, SA, TO

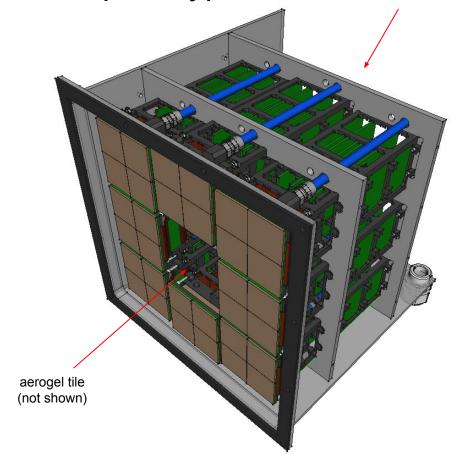


8-18 October 2023, CERN-PS T10 line

EIC ePIC-dRICH SiPM photodetector prototype



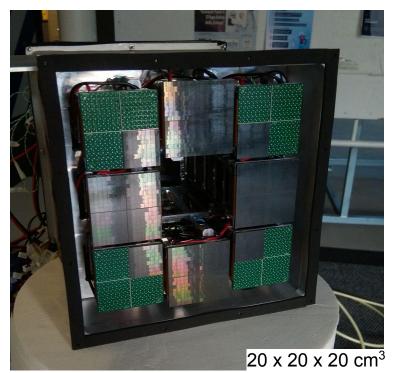




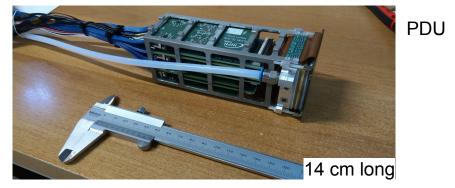
EIC ePIC-dRICH SiPM photodetector prototype

Readout Box (top)

Readout Box (front)





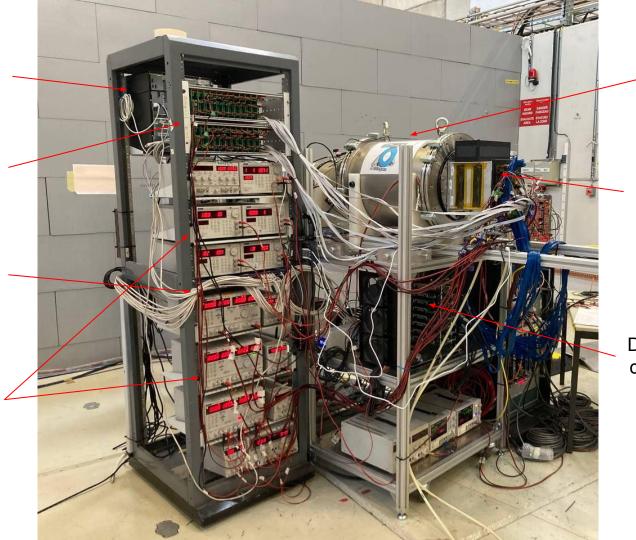


DAQ and DCS computers

auxiliary control electronics crates

gigabit ETH switch for DAQ and DCS

low voltage and high voltage power supplies

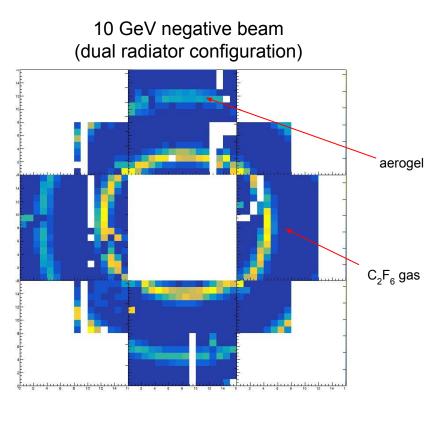


dRICH prototype

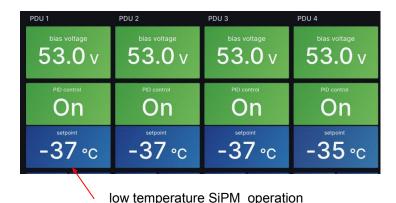
SiPM photodetector readout box

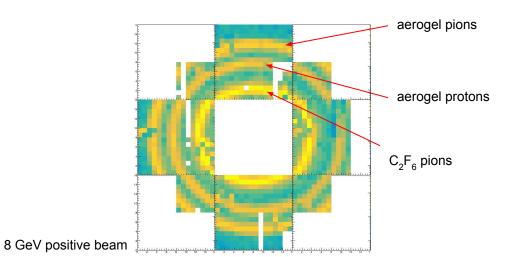
DAQ FPGAs and clock distribution

Online monitors and QA plots: successful beam test



a very big thank you! Special thanks to the ALICE3 team for sharing the beam with us





thanks to all who made this beam test possible and who participated and has taken shifts

plenty of good data

an analysis group will be setup in the coming days contact us if interested in joining analysis efforts

