

ECOGAS- Ageing study results

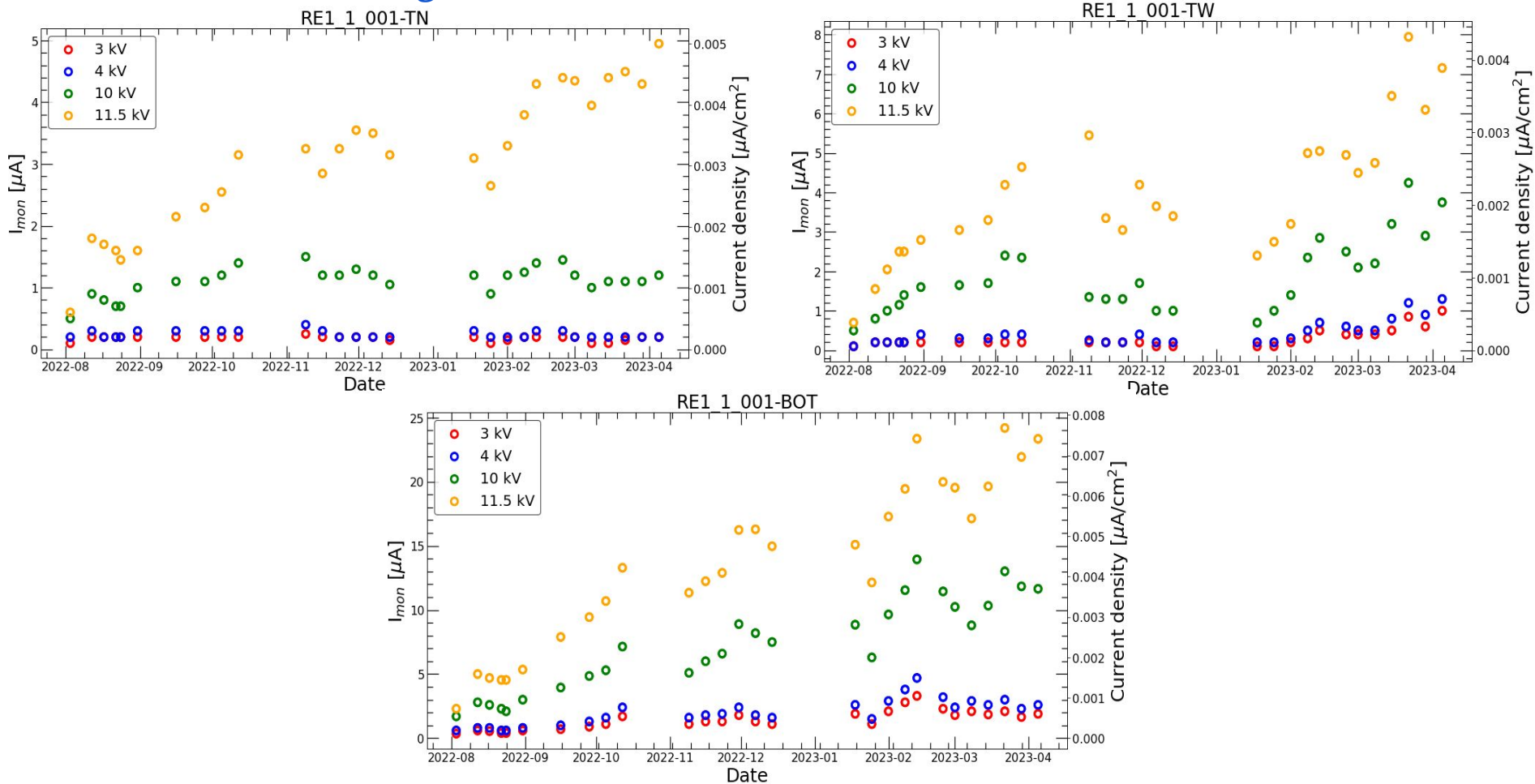
-Amrutha Samalan

ECOGAS ageing study- analysis and results

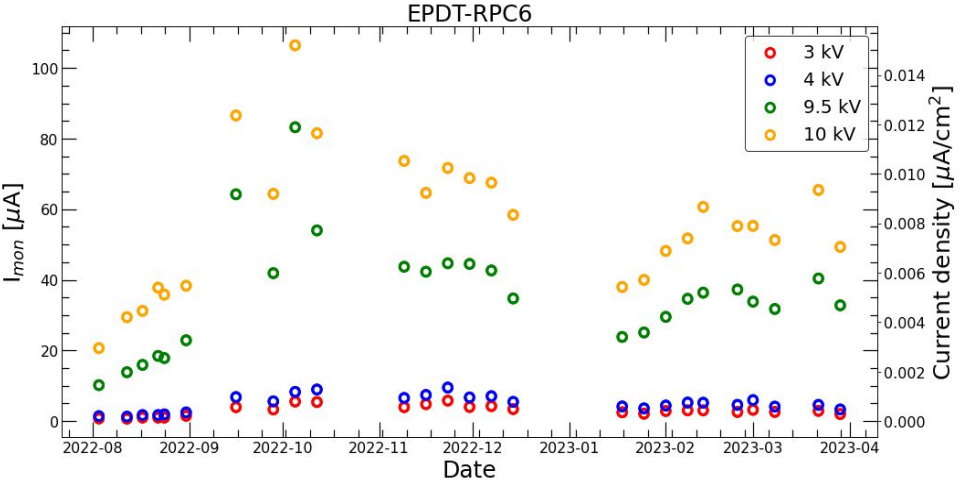
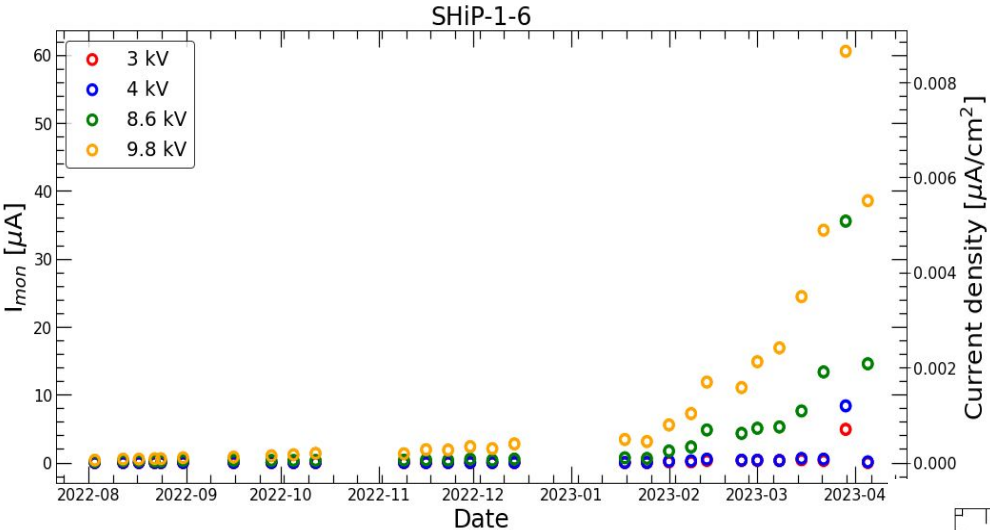
- Analysis of source off scans from 03 August 2022 to 06 April 2023
- Gas mixture: **ECOGAS2** (35% HFO, 60% CO₂, 4% iC₄H₁₀, 1% SF₆)
- Scan ids of the data plotted: Weekly source off scans from 381 to 470 (list of scan id for ATLAS and ALICE are different since they were excluded for some scans)

(A drift in the absorbed current of ATLAS-small RPC was observed on 12th of September. So it is excluded from the runs after that. Now the chamber is back in data taking mode)

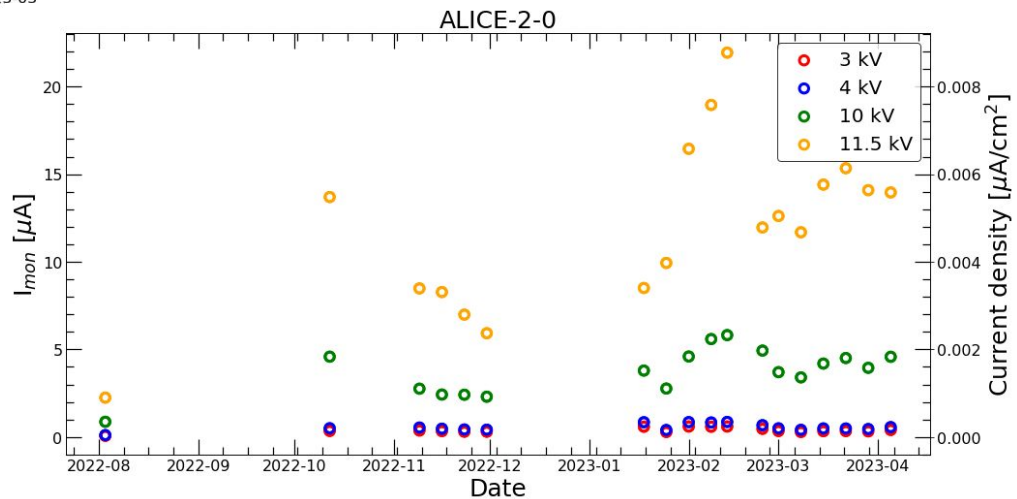
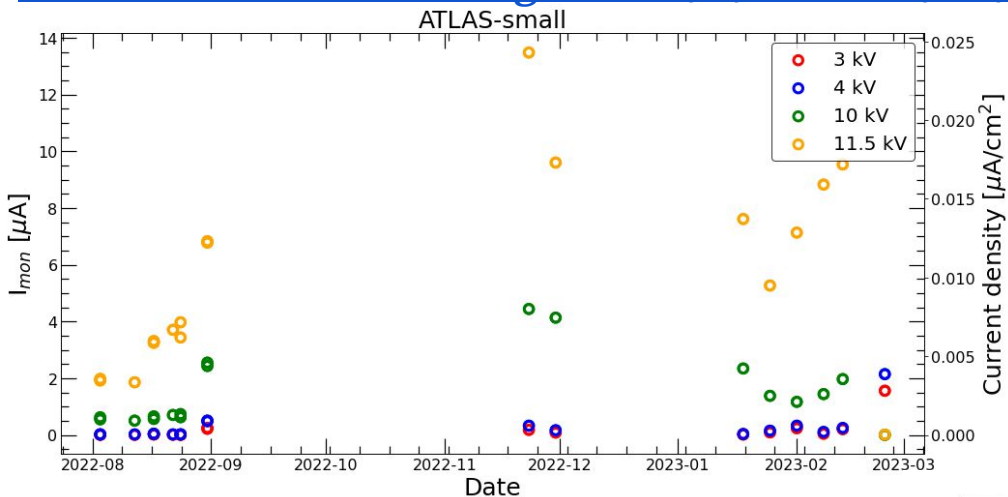
Dark current monitoring from 3/8/22 to 06/04/2022



Dark current monitoring from 3/8/22 to 06/04/2022



Dark current monitoring from 3/8/22 to 06/04/2022



Thank You