

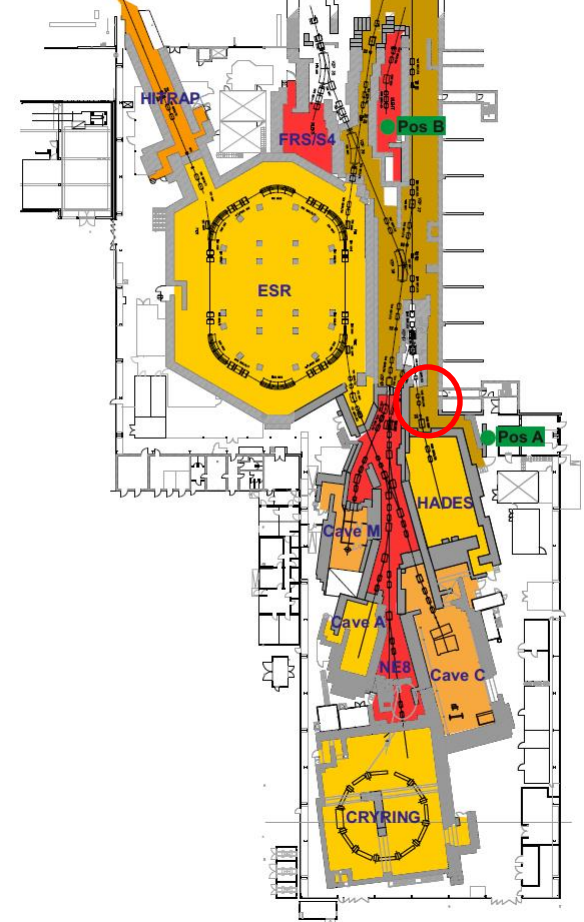
HEST status

2018.08.28

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- Last week: all equipment on HADES checked (again)
- Water leak detected (tbc)
- Investigation of BioRem alarms:
 - Pos A: losses behind the pion target, probably close to the bend GHADMU1
 - Pos A: BioRem close to wall opening for cable trays
 - Pos B: inside HHT cave, why neutrons there? Coming from GTH3MU1 (small vertical aperture, losses often observed in the past)? GHHTMU1 (see next slide)?

positions of radmons which gave signal 5-10 above threshold ($3 \mu\text{Sv/h}$, averaging time 5 s) data from T. Radon



BioRem alarm mitigations

- Pos A and B:
 - open vacuum chambers and check for obstacles (vacuum sectors TH2, HAD1, what about HAD2?) - week 37
 - optimize the optics (partly done)
 - increase BioRem averaging time?
- Pos A:
 - close the opening for cables
- Pos B:
 - put NE6 in Operation (=increase thresholds)

