

Weekly Reports - GIF⁺⁺⁺ Users Meeting

Meeting : 09.02.2023 - 9h

Present :

Announcements from GIF⁺⁺⁺ Coordination

:::danger

Current problem with the source control continue

:::

Diagnostics video recorded, send to company.

YETS 22/23:

Start : **28.11.2022** - expect interruptions on infrastructure.

:::danger

- 14-15.02.2023 - AUG Test, no access to EHN1
- 07.04.2023 - DSO Test EHN1 beam lines
- :::
- :::warning
- 08.03.2023 - Gas detection system maintenance -> no isobutane for few minutes
- 15.03.2023 - Fire detection system maintenance -> no isobutane for few minutes
- :::

Full list of electrical tests during YETS 22-23 : <https://edms.cern.ch/document/2768566/>

Safety:

:::warning

- Electrical inspection - Some safety remarks to be solved. Passed yesterday for all the setups. Few minor point still to fix but the majority of the last points are fixed
- NEW Safety Form under finalisation : ISIEC -> ISD !
We will move to the "Initial Safety Declaration" asap.
- :::
- First Aid - SST Initial (workplace first aider)

:::info

NA - EHN1 Physics Start : 24.04.2023

:::

Very difficult planning for H2/H4 this year.

Could result in shortened runs for slot 1 and slot 3 (Beginning/end of beam year)

Weekly Reports :

Please update before or during the meeting !

ATLAS-RPC: ()

- No report.
- We expect them to start at Mid-March.

ATLAS-MM: (Valerio)

- Both setups in position, powered ON and accumulating charge
- Need a quick source scan (2-3h) to test the currents of the small 40x40 cm² chamber, with a short period with source OFF
- Booked a slot for this morning 10am-1pm if ok for everybody

CMS-CSC: (Katerina)

- chambers are connected, still under commissioning
- need several more "source off" sessions to get them prepared for irradiation
- gas - currently in open loop, to be swapped to closed loop before the weekend

ATLAS-sMDT: (Elena, Francesco, Markus)

• Setup Maintenance

- setup currently safely stored in the preparation area;
- the plan is to come back to the bunker by **March 2023**:
 - Test of evolutions of the new front-end electronics for the sMDT chambers (with cosmic ray muons at different γ backgroundlevels);
 - Aging test on the RPC prototype produced by the new manufacturer (Plan to integrate RPCs into the sMDT set-up).

• Weekly Planning

- nothing to report

CMS-GEM: (Davide, Ashok)

- 2023 plans only for test beams, see you soon :)

EP-DT2: (Mattia)

- Yesterday we swapped some detectors between our set up. Need this afternoon with source off for debugging (booked on teamup).
- Need to do a scan with source off and with abs 2.2 on Monday morning (booked on teamup). -> we need to do that before the AUG.

Ecogas: (Luca)

- 09/02/2023
- Detectors are flushing with ECO₂ gas mixture (35/60 HFO/CO₂)
- Aging ongoing
- All fine for the moment, no particular requests on our side

CMS-RPC: (João)

- Nothing to report.

CMS-DT: (Lisa)

- nothing to report, irradiating at 2.2 upstream

Current minutes by the respective speakers, edited and commented by Martin & Giuseppe.
Minutes from previous meetings can be found attached to the respective

page as PDF.