

Weekly Reports - GIF⁺⁺⁺ Users Meeting

Meeting : 26.01.2023 - 9h

Present : Mattia, Francesco, Joao, Katerina, Luca, Mauricio, Valerio,Victor

Announcements from GIF⁺⁺⁺ Coordination

YETS 22/23:

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

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

- Autotransfer test (ongoing) : 25-27.01.2023
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- 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
 - 25.01.2023 Electrical inspection of setups...all the setups passed the safety visit
 - NEW Safety Form under finalisation : ISIEC -> ISD !
We will move to the "Initial Safety Declaration" asap.
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- First Aid - SST Initial (workplace first aider)
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Weekly Reports :

Please update before or during the meeting !

ATLAS-RPC: ()

- No report

ATLAS-MM: (Valerio)

- Both setups in position, powered ON and accumulating charge
- Access done on Wednesday to install back a small MM chamber used in last test beam on the false floor trolley

- This chamber was showing some instability and we want to check its currents during a source scan, af

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)

- Need to check old HV cable (next Wednesday).
- start irradiation campaign.

Ecogas: (Luca)

- 02/02/2023
- Detectors are flushing with ECO2 gas mixture (35/60 HFO/CO2)
- Aging ongoing
- All fine for the moment

CMS-RPC: (Mauricio, João)

- In the next 2 weeks, we will prepare the longevity plan for the new gas mixture
- The gas group prepared a new rotameter in the gas area with 2 l/h
- We will start to modify trolley 1 to include 2 new chambers once we are ready we will prepare the impact and we will inform the details

CMS-DT: (Lisa)

- source scan ongoing (9:00-11:00), then continue irradiation with filter 2.2 upstream
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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.