

# Weekly Reports - GIF<sup>++</sup> Users Meeting

Meeting : 16.05.2024 - 09h

Present : Stefania J., Joao P., Valerio D., Antonello P., Luca Q., Giuseppe P., Paolo M.

## Announcements from GIF<sup>++</sup> Coordination

- NA64e main users till June 19th of the H4 beam line. Access to GIF<sup>++</sup> now possible anytime, due to the change done in the safety elements.
- Gas detection system maintenance on May 29th
- GIF<sup>++</sup> website not working. Trying to find a solution.
- 10/06 to 14/06: Cabling installation for alarm RP

Please keep the door of the preparation area closed  
MATTERMOST channel (gif-users) available  
if there aren't objections, I will add all users to the team  
Room 892 1/B09 booked  
Resume in-person meeting (NOT MANDATORY)

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### **Muon Beam Requests 2024** : 11 setups

ATLAS - sMPI 3 x 2 Weeks  
ATLAS - MPI RPC 3 x 2 Weeks  
ATLAS - LEGACY 3 x 2 Weeks  
ATLAS - PHASE 2 3 x 2 Weeks  
ATLAS NSW MM (2x) 1 x 2 Weeks  
ATLAS - sTGC parasitic user for the whole beam period  
CMS - CSC (3x) 3 x 2 Weeks  
CMS - GEM 2 x 3 Weeks  
CMS - RPC (2x) 4 x 2 Weeks  
EP-DT2 3 x 2 Weeks  
RPC ECOgas 3 x 2 Weeks

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### **YETS 2023/24**

#### **- Consolidation of chilled water piping in EHN1**

- Chilled water stopped : 1st November - 22nd March (19 weeks). Scaffolding dismantling by end of March. We are backed up from an external chiller

#### **Safety:**

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New Safety Form (ISD) available [https://ep-th-safety.web.cern.ch/GIF\\_ISD](https://ep-th-safety.web.cern.ch/GIF_ISD)

Safety courses:

- First Aid - SST Initial (workplace first aider)
  - ATEX Habilitation - Level 1 <https://lms.cern.ch/ekp/servlet/ekp?CID=EKP000040032&TX=FORMAT1&BACKTOCATALOG=Y&DECORATEPAGE=N>
  - F-GAS [https://lms.cern.ch/ekp/servlet/FORMAT1?CID=EKP000039939&LANGUAGE\\_TAG=en](https://lms.cern.ch/ekp/servlet/FORMAT1?CID=EKP000039939&LANGUAGE_TAG=en)
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## Weekly Reports :

*Please update before or during the meeting !*

### **ATLAS-RPC Module 0: (none)**

- No report

### **ATLAS-RPC-Legacy: (Giulio, Sinem)**

- We need a HV scan for 2-2.5h for different ABS factors(Source off, 3.3, 10, 33)

### **ATLAS-RPC Conditioning: (Alessandro, Eric, Mohamed)**

- The conditioning will start in February.
- In each 2 weeks there will be 1 trolley which includes 24-25 gas gaps.
- Each trolley will stay in the bunker for 1 week.

### **ATLAS-MM: (Valerio)**

- Setups back in standard position and under irradiation
- Small false-floor trolley out of the bunker last week and delivered to BB5
- Ar:C02 gas bank can last 1-2 weeks more, need replacement ordered several weeks ago

### **CMS-CSC: (Katerina, Victor)**

- irradiation ongoing from 21.02

### **CMS-HGCAL: (Sasha, Elena)**

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### **ATLAS-MPI: (Elena, Giorgia, Francesco, Markus)**

- no report

### **EP-DT2: (Mattia, Stefania)**

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- The humidifier is ready, it will be installed today in the afternoon;
- In the next weeks, we will bring back the detectors to the bunker;

### **Requests**

- none;

## **Ecogas: (Luca)**

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### **System status**

- Currently flushing with ECO2 mixture and aging ongoing for all chambers
- HFO bottle might be over soon, can we arrange change with Giuseppe?

### **Access requests**

- None

## **ATLAS-TGC: (Giannis)**

- Nothing to report

## **CMS-RPC: (João, Dayron)**

- Longevity plans ongoing fine
- iRPC chambers OFF for now, FEBs and Power Supplies removed
- Problem with pc of MFCs of standard gas mixture (100L/h) since last week, but new pc will be installed next days by Giuseppe.

\*\*\*\*- AoB\*\* \*\*

- Installation new gas supply lines from 909
- Gas supply presentation

<https://indico.cern.ch/event/1360529/attachments/2790291/4865861/Gas%20User's%20meeting%20Jan-2024.pdf>

- DRD1 CM

<https://indico.cern.ch/event/1360282/timetable/>

- Recuperation systems for fluorinated gas at the CERN LHC Experiments

<https://indico.cern.ch/event/1386095/>