

# Weekly Reports - GIF++ Users Meeting

Meeting : 07.07.2022 - 9h

Davide F., Francesco F., Victor P., Lisa B., Luca Q., Giulia G., Ottavia M.

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## Announcements from GIF++ Coordination

- July 06th maintenance gas detection system -> in principle there will be no gas stop during the maintenance. It could be that the EV of the isobutane will be triggered. No problems reported so far.
- new storage area ready, just under the control room -> please start to request permission ---> 0887-R-R86 CAGE-GIF++ (ATLAS-ALICE groups)
- Gas tent now open since June 23rd.
- CF4 situation at GIF++ JUN 15th
  - 20 bars(g) used since January 1st
  - still in stock 1 bottle with 80 bars + 1 bottle with 70 bars
- R1234ze situation at GIF++ JUN 22nd
  - 6 bottles available

### Safety:

- From next week we will try to contact you concerning some safety remarks we should solve it.
- First Aid - SST Initial (workplace first aider)

### Muon beam 2022 :

- Version 1.10 of schedule now available.  
electron beam request from RD51:  
1st shift ~ Thursday 14 night  
2nd shift ~ Monday 18  
3rd shift ~ Thursday 21st night
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## Weekly Reports :

*Please update before or during the meeting !*

### **ATLAS-RPC: (Luca, Giorgia, Sinem, Ahmet)**

- Not participated.

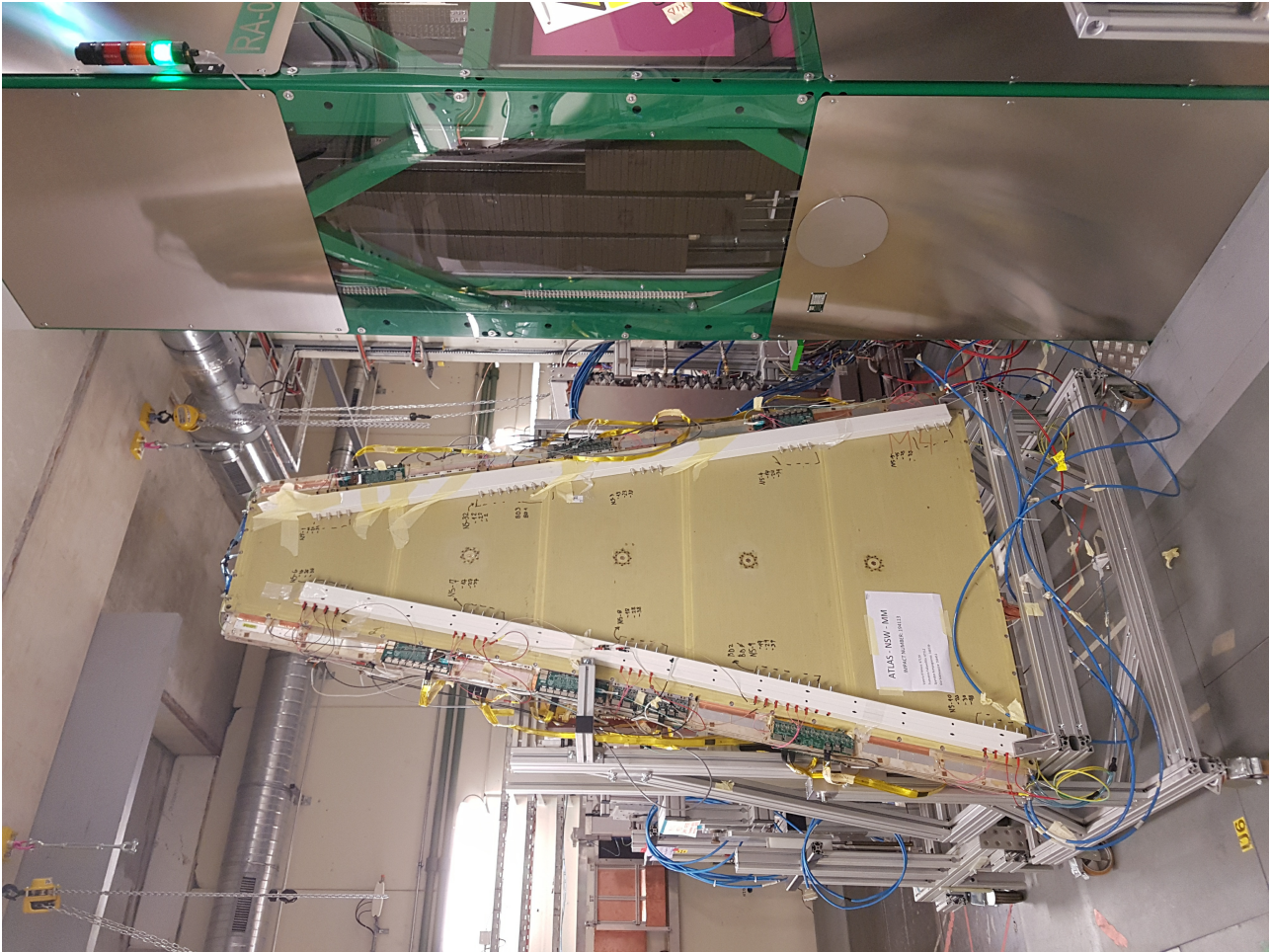
### **ATLAS-MM: (Francesco, Givi, Valerio)**

update dated 06/07/2022:

- **Setup maintenance**

- Yesterday morning we replaced the "old" vertical trolley with the new tilting trolley.
  - the intervention was carried out in the preparation area.
- Currently, the tilting trolley is installed inside the bunker in stand-by mode (i.e. only the gas is connected and the SM1-M40 chamber and the tracking chambers are flushing).
- Plan for Wednesday 13th July:
  - installation of cooling pipe under the false-floor
    - crane team request to open the false floor!
  - installation of the setup in the running position between the GEM and CSC setup.





- **Weekly plan**

- no activity, all trolleys in stand-by mode.
  - @Giuseppe: could you kindly ask for the transport of the new bottle banks?

### **ATLAS-sTGC (for ATL-EIL4) (Luca Moleri, Shikma Bressler):**

- request for testing the new type of TGC for the ATLAS-EIL4:
  - requirements:
    - \* photon rate 450 Hz/cm<sup>2</sup>;
    - \* no beam
    - \* 2 chambers (size 160cmx85cm + support frame)
    - \* period: 2 weeks from June 8th

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

- Purifier replacement hopefully today 6:30 pm. Then several days purging + source ON test at the irradiation position. Then (if everything is ok) moving chamber to the TB position (Su or We).

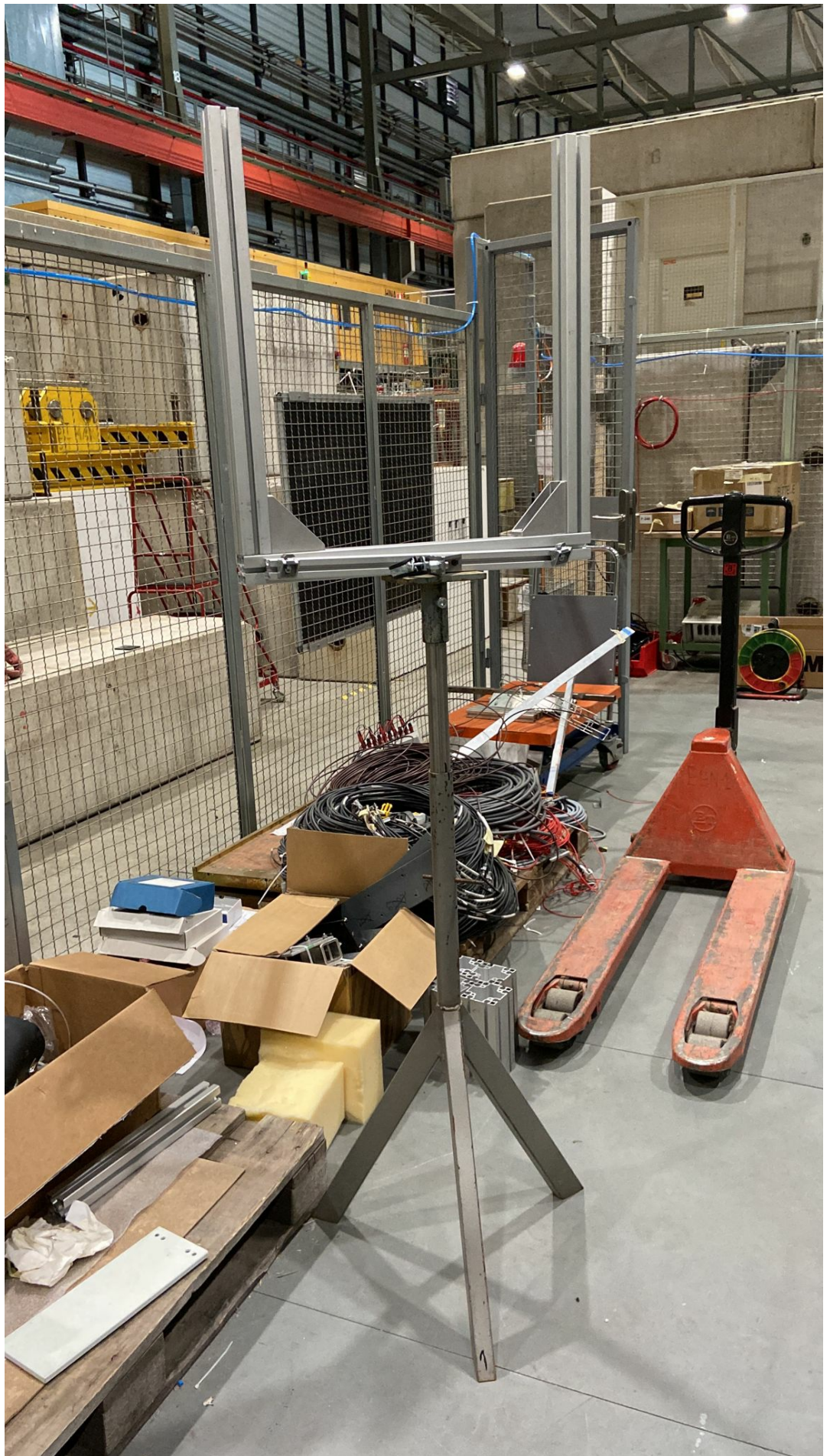
### **CMS-GEM: (Davide, Viviana)**

updated 30/06/2022

Slot for test beam: 13/07-27/7

- **Setup maintenance**

- Setup extracted for maintainance (now at 904)
- We'll bring back the setup Wed 13th
  - Request floor opening on Wed 13th for cable routing
- I will ask Sinem if we can use theri tripod during test beam



- **Weekly Plan**

- No activity this week

## **ATLAS-sMDT (Elena)**

### **ATL-sMDT beam time periods:**

- week 17 : 25.04 - 03.05 - we operate like a parasite for the updating and debugging of the DAQ and DCS systems (no filter scan request)
- week 20 : 18.05 - 24.05
- week 21 : 25.05 - 31.05
- week 22 : 01.06 - 07.06
- week 28/29 : 13.07 - 26.07
- week 42/43 : 19.10 - 01.11

### **Info of the setup for the TB periods:**

Current ATLAS-sMDT setup will attend the test beam.

Setup dimension: 1m x 2m x 3m, no extra expansion of the setup planned for TB week 17.

Setup is housing multiple chambers with tube lengths up to 2m.

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## **ProTOV**

- No report this week. Currently off.  
Need to find a new space for trolley.  
Planned for next Wednesday.

## **EP-DT2: (Gianluca, Giulia, Stefania)**

- Resistivity measurement with Argon
- Back to standard gas mixture
- Preparation for July test beam
  - Installation of scintillators foreseen beginning of next week

## **Ecogas: (Mapse, Luca, Gianluca)**

07/07/2022

- Weekly Planning:
  - Irradiation campaign with HFO-based gas mixture with all detectors ongoing
- Test Beam:
  - Preparation for July test beam
  - One detector removed from trolley (waiting for RP) to be moved to 904 for TB preparation

## **CMS-RPC: (Ece)**

- Weekly Planning:

- Test Beam:  
very successful data taking.

### **CMS-DT: (Lisa)**

- weekly report:
  - irradiated at 2.2
- weekly planning:
  - short source scan next Tuesday with portable dosimeter
  - participate to the TB

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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 Indico page as PDF.