

# Matters arising

- New structure : RADWG-R2E-LMC
- Top priority is sufficient radiation hardness of tunnel electronics
  - Key systems have to do a final system test in CNGS
  - Additional studies for components (new designs) outside CERN
- List of priorities (accelerator)
  - Establish circulating beams
  - Increase intensity/energy
  - Collide beams at high L
- List of priorities (radiation levels)
  - Radiation levels in the tunnel
  - Radiation levels in the cleaning sections
  - Radiation levels in the underground areas around IPs
- List of priorities (radiation effects)
  - Single Events
  - Displacement damage/Total Dose

**From:** Roberto Losito

**Sent:** Wednesday, March 11, 2009 10:25 AM

**To:** Thijs Wijnands; Doris Forkel-Wirth; Heinz Vincke; Luisa Ulrici; Giovanni Spiezia; Daniel Kramer; Ilias Efthymiopoulos; Mathieu Donze

**Cc:** Alfredo Ferrari; Markus Brugger

**Subject:** RE:

Thijs,

The main goal of tomorrow's meeting is to establish the list of users for all runs (or most of them) of 2009 in order to set priorities. Concerning procedures and access Heinz was not available for this Thursday and volunteered to provide a presentation in 15 days from now. I would prefer to wait for him, and therefore postpone to the next meeting the presentation on procedures and access

**From:** Roberto Losito

**Sent:** Tuesday, March 10, 2009 5:22 PM

**To:** Doris Forkel-Wirth; Heinz Vincke; Luisa Ulrici; Giovanni Spiezia; Thijs Wijnands; Daniel Kramer

**Cc:** Alfredo Ferrari; Markus Brugger

**Subject:**

Dear all,

Please find below a brief summary of what discussed. Let me know if you have any comment or correction. I put some work on the shoulders of Heinz, I hope you agree...

Regards

Roberto

- Intermediate Radiation Storage area is 954. RP does not support the idea of storing locally inside the “garage” of CNGS, since this has to remain dedicated to eventually broken equipment (target, horn, reflector).
- Giovanni will take care of opening a website to store all the relevant information about the facility.
- Heinz will prepare a presentation to provide a summary of all the procedures for access to CNGS to be given at RADWG in two weeks from now. He will then formalize it in a formal document to be published on the CNGS facility website.
- A formal training will be prepared by Heinz for the users on how to access CNGS (e.g. how to deal with suites, gloves etc..). A list of the users that have received the training will be available on the website (not EDH). We assume that the list will be as short as possible. MEF (Edda?) will take care that users that request access for the facility have followed the course.
- Luisa will prepare a presentation about how to deal with radioactive waste coming out from the facility, and will present it at RADWG in two weeks from now.
- We need to plan traceability of cards. ATLAS has a very good scheme, Roberto will check with Ron Billen if anything can be done by his team.
- Thijs will plan in RADWG two slots for presentation from Luisa and Heinz for all possible users of the facility.

**From:** Ilias Efthymiopoulos

**Sent:** Wednesday, March 11, 2009 2:32 PM

**To:** Roberto Losito; Thijs Wijnands; Doris Forkel-Wirth; Heinz Vincke; Luisa Ulrici; Giovanni Spiezia; Daniel Kramer; Mathieu Donze

**Cc:** Alfredo Ferrari; Markus Brugger

**Subject:** RE:

Ladies and Gentlemen,

I agree with Roberto, the most urgent thing is to identify the user list and define the plan for irradiations throughout the year. Who goes when, where and for how long. Plus some details, or photos of the foreseen equipment.

We (MEF) agreed to prepare some supports for RADMONs and equipment not to have everything on the floor so we absolutely must have that information.

For the access procedures, they do exist from last year and should be re-used (improved it at all). I guess Heinz will refer to those, but again is not a priority issue and can be presented at the next meeting.

Ilias