

RADWG Workshop (12/10/22)

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on behalf of the RADWG

AGENDA

- **Introduction**
- ~~Activities Overview by Rudy Ferraro~~
- **RaToPUS a radiation tolerant power supply** (Paul Peronnard, BE-CEM)
- **DIOT** (Greg Daniluk, BE-CEM)
- **Radiation Tolerant AC-DC PS** (Jens Steckert TE-MPE-EP)
- **Open Questions**



CHARM 2022



- 5 slots protons remaining
- All slots are fully booked (reviewing the planning because of some new requests and user unavailability)
- CHARM Ion Run (CHIMERA Project)
 - Swap of proton to Ion on the 23th of October for 5 days
 - No System level irradiation (no target)
 - R&D from SY-STI and one user from ESA

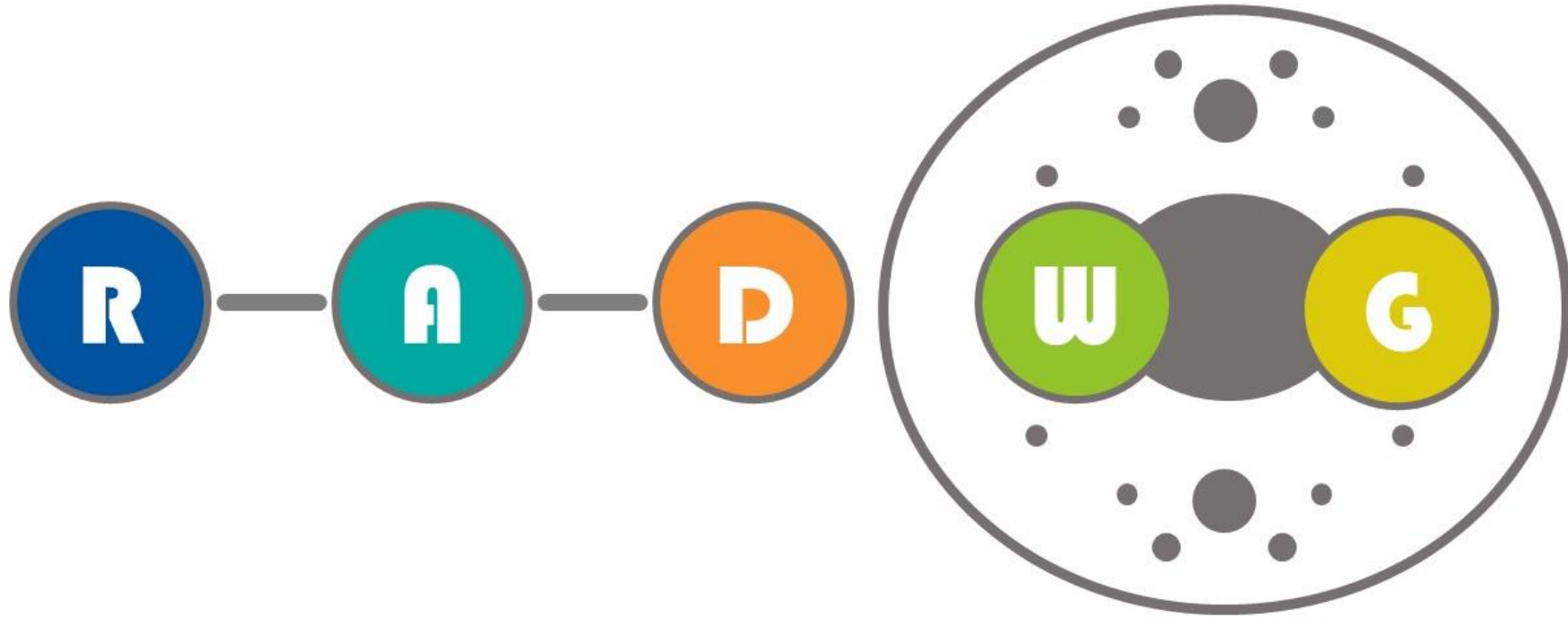
facility @ CERN

- The CC60 facility is again fully functional
- One user already started last week
- Scheduled 3 users from this Friday to December.
- Short irradiations will be available in December
- Remark: during Christmas holidays is not possible to keep irradiating



Radiation-Tolerant Power Supply Survey

- Goal: Review the current situation regarding the use of low voltage power supplies under radiation within the ATS with the objective to identify standardization opportunities
- Scope:
 - All types of low-voltage supplies under radiation
 - Linear/switched, AC/DC, and DC/DC , Homemade/COTS
- It should be filled per each project
- Result to be presented at the RADWG on **Wednesday 12 October**
- Link to survey: <https://limesurvey.web.cern.ch/569923?lang=en>
- **Numbers of responses: 7 (1 uncompleted)**
- There are number of designs not yet in the survey.
- Please fill the survey! New Deadline: 19th of October



THANK YOU