

Thursday 26th May 2005

RADECS Thematic Workshop on European SEE Accelerators

Round Table 1: European Needs

Chairs : Renaud Mangeret / EADS Astrium & Reno Harboe Sørensen / ESA

Introduction points (by Renaud): See presentation

- On line real time access showing available slots of European accelerators.
- Internet reservation of beam time (single click reservation)
- First in first out principle
- Accelerator, good environment for users (late night testing)
- Standard lab equipment (soldering etc.)
- Updated standard for required content of SEE test report. Also provide guidelines regarding test results and consistency.
- SEE testing should mimic at best flight conditions.

Round Table Points:

- Are we happy with the available facilities? The requirements are spread over a number of facilities. Each facility has a specific capability with areas of overlap.
- The coordination and harmonisation of test-facilities is an important issue for the users. Could facilities coordinate this harmonisation?
- **Facility:** From an operational point of view it is not easy to harmonise. **Question from facility:** How much would such a system be used? **Question from Facility:** The required period for the visibility of slot availability? **Answer from User,** may be six month?
- **User:** It would be nice to have a single place to have beam time availability visible. Perhaps, a coordination of the ESA facility avoiding test campaigns on the same dates.

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- Guy mentions that the harmonisation may not work due to the complexity of setting up the beam in some instances (facilities too different to harmonise).
- **RADEF**: mentioned that this may not be completely impossible.
- We are not the only users of the machines and we are minor users.
- **Facility**: It is important to have a user coordination.
- **User**: This was tried some years ago in France and it was not very successful. (May be due to industrial competition).
- **User**: It is not easy to find beam time, if nothing is found in Europe then the US is always a possibility (for SEE).
- Could the method (beam time request) used for HIF (also tried implemented in RADEF) be used by other facilities?
- **Facility**: The idea is to make beam time requests in a blocks (approximately 10-12 users per block).
- **Ralf**: Make a start by coordinating a rough pre-planning (slot availability) of the three ESA facilities and make this available on the ESA home page (ESA supported). Then one could gradually open this up for other facilities providing a planning overview for the coming 5 months. **Facility**: What can the users do to give facilities more certainty of their intent to use the beam time.
- Big users may employ the option of swapping of beam time for crash actions. Exchange of slots with less time critical activities.
- Large administrative system is not wanted.

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- **Facility:** To have a link to all facilities, where their calendar (schedule is available). First point to start with (for initial coordination). This could be on the RADECS site?
- R. Mangeret will check to see if it is possible to have this on the RADECS site?
- **Facility:** Nuclear physics is in decline, users should talk to facilities to express their interest. The question from the facility to the user is: How much beam time is required by the users?
- **User:** Single link to show all European facility schedule does not exist. This is a point that may be pursued for implementation.
- A better coordination and visibility of available beam time (this concerns all particles).
- We can try to find a way to advertise the facility availability at a certain site (RHS).