

FEEDBACK ON EYH FOR 2011

1. GENERAL COMMENTS

- (1) For sessions in french, we need more advanced warning on how many and which sessions will be in french. Non-french speakers were unable to participate in these sessions. As an idea, we could rotate ourselves to different sessions (i.e. english speakers to english sessions, french speakers to french sessions). The session leader should be bilingual. We need more french speakers in general.
- (2) Rotating ourselves in different sessions might not be a bad idea in general. It makes the workshops more interesting for us. Although the time between sessions was very short and this might not be feasible in practice.
- (3) Coffee in each session! There was no time for a break.
- (4) The goodies should be distributed beforehand. This will save confusion in the morning (although this was partially because of a miscounting of the number of cubes, only 100 arrived when we needed 200).
- (5) Need more posters for all sessions. We should make these in advance. We can use the CERN printing services to print pictures that we think we need in the sessions.
- (6) Should put more emphasis in the sessions that 'we are scientists'. Many girls had the impression that we were teachers. Should talk about what our job really is. Need more explanation of what I do as a scientist.
- (7) Possible topic for next time is a version of 'be a physicist'. This was a CERN project where students were given a black-box and asked to figure out what was inside. It is a nice exercise on the scientific method.

2. QUESTIONS WITHOUT ANSWERS WORKSHOP

- (1) The 70 minute session time was good, even too short.
- (2) It took tons of time to set up the room. All the desks had to be moved to make tables. A room with tables would have been much better.
- (3) The salad bowl accelerator was a huge hit! Need more of these for the future.
- (4) The wheel Van de Graaff generator worked very well. The girls like to see things that they could touch.
- (5) The anti-matter display was bad. Plus it is huge and a pain to transport.
- (6) The dark matter session was also not the best. Not very hands-on
- (7) Need the fero-liquid in a sealed container. It took ages to get it back in the bottle. Also we need a poster of how the universe cools to go along with this activity. Otherwise it was too abstract for the girls.
- (8) The tram posters were never used. Plus they are huge and heavy.

- (9) Some of the tram sessions involved too much explanation and too much detail for this audience. Need to simplify the concepts more.

3. CLOUD CHAMBER WORKSHOP

- (1) The 70 minute session time was too long. We really need to add additional material or activities to this session. Just talking about our work or CERN was not enough to kill the additional time.
- (2) The lecture hall used for this session was not good. There was not enough ventilation. There were no tables, only small desks. The girls had to sit in a line, this made it difficult for the girls farthest from the chamber to participate. The lecture hall made the environment very 'formal'. We need a lab for this session.
- (3) Need more cloud chamber (we had four). Especially in last session where there were close to 30 girls.
- (4) The media setup in this room was not good. At the end of the session, we wanted to show some videos but all the girls had to crowd around the computer because there were no external speakers. These kind of things should be worked out before hand.
- (5) Having the particle zoo in this session as a visual would be great.

4. LIQUID NITROGEN WORKSHOP

- (1) The 70 minute session time was good, almost too short.
- (2) This session worked well for girls of all ages (all in the same session). We had a short powerpoint with an outline of the activities. This worked very well as it gave structure to the session.
- (3) When smashing gummy bears, we need to bring newspaper to make clean up easier.
- (4) Two dewars of LN are good for 3 sessions
- (5) Would be good to find more hands-on demos for this session. The girls can't play with liquid nitrogen (for obvious reasons).

5. THE BOOTH

- (1) The particle zoo was a huge hit!
- (2) Need more explanation of what we do as a scientist at the booth. Are there posters or games that we could have which would explain the scientific method? Like a mini-black box and discuss with the girls how would they figure out what is inside.

6. COMMENTS ON THE ORGANIZATION

- (1) So, so, so much better organized this year!
- (2) We all really liked how close all the rooms were. The location was good.
- (3) It would be good to split the sessions by age. The younger girls are interested in different things compared to the older girls. With an age split, the sessions could be more tailored.

- (4) Need to ask organizers about next year. The call for sessions for 2012 must be coming soon!