
WLCG/HSF Analysis Workshop - Interactive Session

3rd November 2019

OVERVIEW

After hearing about some of the challenges for analysis in the next decade during our Saturday plenary, on Sunday we will have an interactive session that gathers ideas from everyone to tackle some of the key challenges that were laid out in the [Challenges Document](#) (you should have read that by now!).

CHALLENGES

Our challenges are divided into 3 major areas;

1. Facilities
2. Machine Learning
3. Analysis Model

The challenges document gave an idea of some of the key questions that we need to answer, but there are many more ways to approach the problem than just the ones that we wrote down - so be creative!

You will be assigned at random to a group to look at one of these challenges. Groups will be around 10-12 people. About 4 groups will look at the same challenge.

BRAINWRITING EXERCISE

Brainwriting is an idea generating technique that ensures that everyone can contribute to the discussion, which makes it more interesting than traditional brainstorming sessions. Here's what we'll do, along with timings that will keep us on track:

Animation 0900-0920

We'll briefly run over the challenges again, led by our animators.

Writing Phase 0925-0950

To start with, everyone will take their A5 CHEP pad and briefly write down their best idea for tackling the challenge of the group. Take 3' to think about it and do this.

Then pass your pad to the person on your left. Now you have an idea that someone else wrote. Read it and write a comment - support, develop or point out pitfalls. Take 3' to do this.

Then pass the pad to your left again. Now you have an idea and a comment. Read them and write another comment, to the original idea or to the comment made.

Continue like this for about 6 rounds, so that every idea has 5 or 6 comments written about it. We expect that each time it will take a little longer as you have more to read and think about, (something like 3'->3'->4'->4'->5'->6'). The session coordinators and animators will tell you when it's time to finish. At this point pass the pads back to the authors of each idea.

Read and Summarise 0950-1005

Each person reads all of the comments that were made to their idea. Identify what, in your opinion, is the best comment.

In turn each person describes their idea and the best comment that was received. Do this quickly, in no more than 1' and do not discuss at this point.

Group Discussion 1005-1025

Now discuss in your group for about 20'. Explore the most interesting ideas. Try to identify 2 or 3 best ideas that your group has.

Supergroup Discussion 1025-1100

Now join all of the other groups that were discussing the same challenge. The animators will lead this session and ask each group in turn to summarise their best ideas for everyone.

Then discuss as a supergroup for 20', exploring the ideas that were generated, looking for potential and for other questions or problems raised.

COFFEE 1100-1145

Now take a break - you deserve it!

FINAL PLENARY 1145-1230

We shall gather back in the auditorium for the final plenary. Each of the animators will introduce the ideas that came from the groups who tackled a specific problem.

Then we shall finish the workshop with a general open discussion.