

UA9 Simulations Meeting, 13 May 2009

Participants: James Ellison, Emanuele Laface, Tom Markiewicz, Robert Noble, Guillaume Robert-Demolaize, Walter Scandale, Marco Silari, Jim Spencer

1. G. Cavoto/E. Laface/G. Robert-Demolaize: current and future work of Particle Tracking WG

Emanuele Laface describes the status of the simulation work in WG-1 (see slides). It should be noted that in slide 3, the zero on the horizontal axis is the edge of the Roman Pot 1, or the edge of the TAL in slide 7.

Guillaume Robert-Demolaize explained that his simulations are similar to Emanuele's. He shows slides on his and A. Drees' simulation results of the SPS experiment. The simulations show that the present set-up is ok for single-turn but not for multi-turn experiment. Particles channelled at the crystal then impact on the TAL. It is a single-pass process.

For the previous work done by Scandale and Taratin, see report CERN/AT 2008-21. The main aim was to consolidate the longitudinal positions of the various components.

2. Discussion on best day/time for the Webex meeting

It has been agreed to maintain Wednesday as the day, but to move the meeting time to 9 am SLAC time (6 pm CERN time).

3. AOB

On 18 June there will be the first set-up of the accelerator for UA9.

People from SLAC who will need to access the SPS in June need access authorization. Send list of people who will come to CERN to M. Silari, for checking access rights.