

## Minutes of WP-meeting 392

### Attendance:

Zoom: Paul Colas, Ulrich Einhaus, Serguei Ganjour, Jochen Kaminski, Peter Kluit, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans

### General News:

Paul announced that there will be an ECFA WG3 topical workshop on tracking and vertexing (<https://indico.cern.ch/event/1264807/>). He has been contacted to organize a presentation and is willing to give one, if no-one else wants to give it.

Besides there will be again a symposium on Large TPCs for low-energy rare event detectors in the week of the 11.12.2023.

Huirong added, that there will be a CEPC-Workshop in Edinburgh (UK) from 3<sup>rd</sup> to 6<sup>th</sup> of July: The 2023 International Workshop on Circular Electron Positron Collider (European Edition) (<https://indico.ph.ed.ac.uk/event/259/contributions/2413/>). Also here, a speaker is needed to give a presentation.

As discussed last time there will be work package on TPCs. A first draft was linked to the indico page of this WPmtg. If you have any comments, please mail them to Jochen.

### News from the groups:

Peter reported that the equipment for the EIC has been packed and the paper work for the custom is being done now. Then the GridPixes are ready for the transport to the US.

Peter also mentioned that he has done first tests with the low power mode of Timepix3. This mode is reported to safe a factor up to 10 of the power. At CERN it was investigated, but it was not explicitly reported how much the performance suffers.

Serguei and Paul will travel to Japan in two week, to discuss the French-Japanese Lab with colleagues. They will stay mostly in Tokyo, but will also visit Iwate and Tzukuba.

The first half-TPC of T2K has started taking data at CERN completely equipped with ERAM modules. This is an important milestone and represents  $\frac{1}{4}$  of the full detector. The first half-TPC will be transported to Japan in the summer.

Saclay is also starting a simulation program with CERN, to understand the contribution of the ions to the signal and in particular to the charge spreading of the signal. Ions seem to have a lower charge spreading and could explain, why the total charge spreading is lower than expected. The simulations will be accompanied by measurements.

### AOB:

The next workpackage meeting will take place on May 11<sup>th</sup>.