



Contribution ID: 82

Type: Oral presentation using Zoom

## Study of spatial resolution in the time direction for ILC-TPC

*Thursday, 28 October 2021 20:00 (20 minutes)*

In order to understand the spatial resolution in time direction ( $z$  resolution), we are investigating factors that can affect  $z$  resolution. Hit position in the  $z$  direction is determined by pulse arrival timing and hence depends on the pulse shape. We studied the dependence of the pulse shape on drift distance and magnetic field. In this talk, we will report the preliminary results from this study.

### 1st preferred time slot for your oral presentation

15:30-17:30 JST (8:30-10:30 CEST, 2:30-4:30 EDT, 23:30-1:30 PDT)

### 2nd preferred time slot for your oral presentation

19:00-21:00 JST (12:00-14:00 CEST, 6:00-8:00 EDT, 3:00-5:00 PDT)

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**Session Classification:** C-3: Tracking detectors

**Track Classification:** Parallel sessions: Detectors: Session C: Tracking detectors