

# Event Mixup and Alignment by cosmic ray

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Mix-up hits from previous event and this event. Check for detector misalignment by cosmic ray.

**Goal in this workshop:** Finish examining the incidence of Event Mixup. I start alignment with cosmic rays.

## My To-Do List

- Checking collision interval dependent
  - Making plot of BCO\_Full\_previous – BCO\_Full\_this
- Checking open time scan dependent
- Examining multiplicity dependent quantitatively
- Cutting out the non-mixed hits when taking a mix-up event
- Creating a document about of Event Mixup to inform Raul
- Alignment by cosmic rays
  - Fitting 4 clusters in straight lines

