INTT Weekly Meeting

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sPHENIX

- Shift obligations starting on March 12 and ending on April 9
- Tentatively planning on staying from
  - **March 9 to April 12**
- Wanted to confirm if I'm needed on site before March 9
- I cannot stay much later than mid April, but I can return in May
- Planned on sharing a team apartment and car as before

Channel Classification cross-analysis

- Wrote a module to cross-examine classification agreement between my method and Jaein/Yuka's method
- Analyzed a common run (20869)
- Agreement is something like 90%

$$\frac{\text{number of channels good in BOTH}}{\text{number of channels good in EITHER}} \tag{1}$$

- Need to look at more runs but there is a workflow problem (see next slide)

Unpacker Issue

- Chris is implementing a guard for events in his streaming readout
  - Requires the subsystem BCO to match the GL1 BCO
  - However, off-by-one errors are common
- Need to implement a tolerance
  - Of how many beam clocks?
- Off-by-one example (occured in the first 10 events of run 20445)

```
Intt BCO 0xcce510dfa6 larger than Gl1 BCO 0xcce510dfa5
no intthits for this event
Fun4AllServer::run - processing event 6 from run 20445
```