

# Analysis Plan during INTT workshop

Name : Jaein Hwang  
Institution : Korea Univ.



## - Analysis topic

Calibration and focusing on QA

## - Current knowledge/status of this topic

1st Bad channel determination algorithm is ready/placed in coresetware

BCO calibration files are available

Some scripts to load/save from/in psql database ready

## - Goal for the workshop

1. Make documentation(analysis note in sPHENIX invenio) for next potential manager/users (Takahiro)

2. Getting information from current analysis module and put them in QA database

1).Run length (**Jaein/Takahiro**)

2).Acceptance (**Jaein/Takahiro**)

3).BCO peak position (**Jaein/Takahiro**)

4).INTT hit rates (**Jaein/Takahiro**, normalized by the raw collision rate)

3. Implement/test algorithm for bad(especially cold) channel determination

## - Milestones to reach to your goal

1. Dedicated time only for sharing information with Takahiro about current software status

2. Several trials for new version of bad channel determination -> One promising way is to evaluate hit rate half-ladder by half-ladder

3. Careful data selection with corresponding criteria