

Some thoughts on Authorship

Taku Yamanaka
Osaka Univ.

Meaning of being an author #1

- To Show Responsibility for the result
 - used to be for final result
 - maybe for one systematic error number?
 - maybe for keeping all the calorimeter channels alive?

Meaning of being an author #2

- To be recognized for one's contribution
 - not clear whether this is a good reason, but...
 - should be recognized for what one worked on most
 - detector, detailed analysis, ...
- PhD thesis work

To the outside world

- Authorship should be meaningful to other physics field
 - for hiring/promotion, requesting research fund, ...
 - non-refereed papers (scientific notes) do NOT count
 - authors should be knowledgeable about the paper

Solutions?

- To cover general contributors
 - Publish standard author list on journals annually
- To emphasize the main contribution and clarify the responsibility, author list =
 - people who take responsibility for the contents (Belle's method?)
 - PLUS the collaboration name with reference to the standard list

- To show contributions for part of analysis
 - refereed journal for calibration, reconstruction, Monte Carlo, systematic errors, etc.?