

Authorship in the Belle Collaboration

Leo Piilonen, Virginia Tech





Authorship in Belle

- Eligibility (*for refereed physics publications*)
- Author list order
- Positive confirmation of authorship
- Statistics
- Closing thoughts





Eligibility requirements

- Belle collaborator for ≥ 6 months
- Faculty, postdoc, PhD-candidate student, anyone who does an analysis and writes paper
- Shift-taking
- KEKB physicists on selected papers where high luminosity is deemed critical



Author list order

- Default order is alphabetical
- Whoever does analysis and writes paper can request first authorship

* Big incentive/reward, *esp.* for young physicists

- Default rule avoids collaboration-wide polarization if multiple lead researchers can't agree on “first-authorship” order



Authorship confirmation



Belle Authorship Confirmation

You must confirm (or deny) your status as an author for each physics publication. You may do so more than once; only your last choice is remembered.

There is a separate deadline for each publication.

If you have not yet read the publication preprint(s), you will be given the opportunity to do so. After having read the preprint(s), you can return to this page.

Please type in the username and password assigned to you for Belle Authorship Confirmation.

Username:

Password:





Authorship confirmation

169

[Measurements of CP violation in \$B^0 \rightarrow D^{*-} \pi^+\$ and \$B^0 \rightarrow D^- \pi^+\$ decays](#)

Journal: To be submitted to PRD

Contacts: [K. Abe](#), [F. Ronga](#), [T. Gershon](#), [T. Sarangi](#)

Referees: [Y. Watanabe](#), [K. Hara](#), [L. Piilonen](#)

BN# [833](#),

BN# [857](#)

[Authors](#)

Authorship confirmation has not yet started for this paper.

168

[Search for \$h_c\$ meson in \$B^+ \rightarrow h_c K^+\$](#)

Journal: To be submitted to PRD

Contacts: [F. Fang](#), [T. Browder](#)

Referees: [P. Krokovny](#), [A. Kibayashi](#), [F. Mandl](#)

BN# [698](#)

[Authors](#)

Confirmation deadline is Thu Apr 20 01:00 am JST 2006 (Already confirmed)

- I have read this paper and agree with its conclusions. Please include me as an author.
- I have read this paper but disagree with its conclusions. Please don't list me as an author.
- I have not made enough of a contribution to this paper. Please don't list me as an author.

167

[Measurement of \$\phi_3\$ with Dalitz plot analysis of \$B^+ \rightarrow D^{\(*\)} K^{\(*\)+}\$ decay](#)

Journal: [PRD 73, 112009](#) (2006)

Contact: [A. Poluektov](#)

Referees: [B. Yabsley](#), [K. Abe](#), [D. Marlow](#)

BN# [871](#)

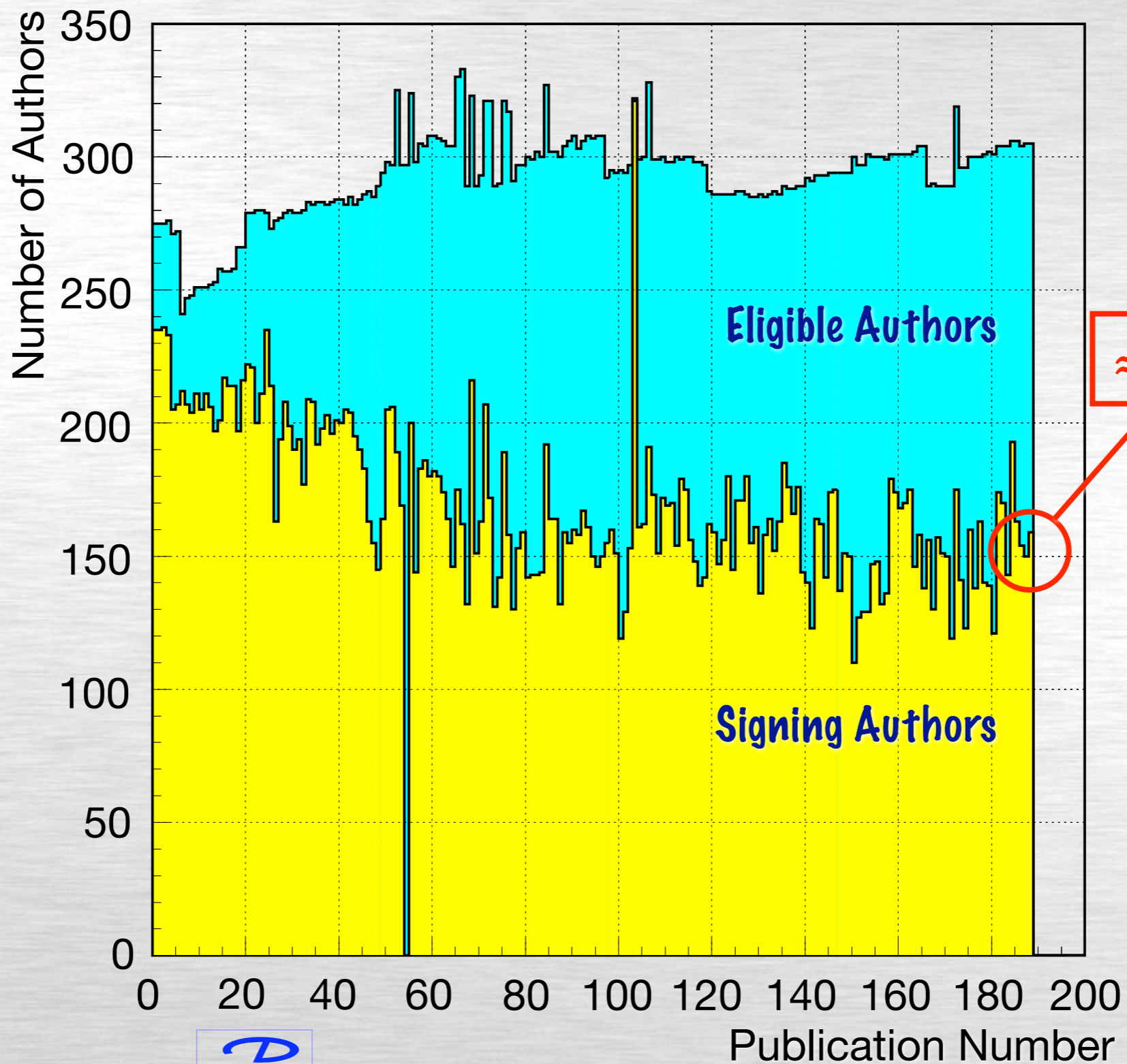
[Authors](#)

The authorship confirmation deadline (Thu Mar 30 01:00 am JST 2006) has expired.





Authorship statistics

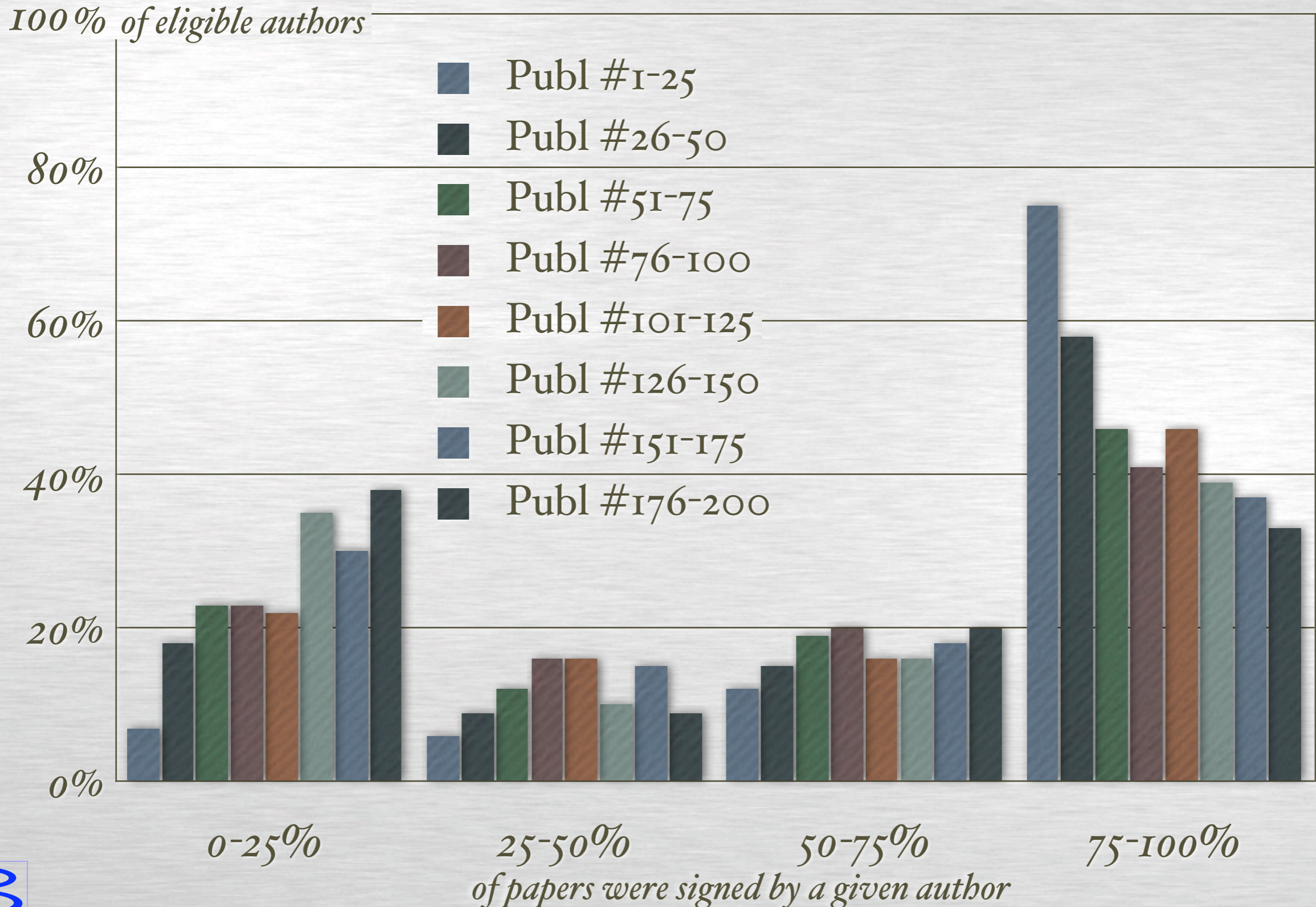


≈ half





What fraction of eligible authors signed few/many papers (over time)?





Closing Thoughts

- First authorship has positive impact for Belle members re recognition within *and outside* the HEP community
 - ❖ *e.g.*, Prof. Sookyung Choi recognized as Scientist of the Month (August 2004) by the Korea Science and Engineering Foundation
- Individual *positive* confirmation of authorship on *each* refereed physics-journal publication is our attempt to follow APS ethical guidelines
- Our model has been considered by other particle physics collaborations (CDF, CLAS)

