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The new PANDA publication policy

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Aim of this summary

- New publication rules since the beginning of the year.
 - Important to make everyone aware!
 - Documented on the Wiki:
<http://www-panda.gsi.de/framework/collaboration.php?section=Publication%20Committee>
- Relevant for us: Analysis Publications:
 - Procedure in 3 steps:
 - 1) Review in the Physics Analysis Group
 - 2) Review Committee
 - 3) Collaboration wide Review



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- Relevant for us: Analysis Publications **Focus of this presentation**
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Review in the Physics Working Group

- The analysis should be presented and discussed within the Physics Group and the slides from the presentations should be available for PANDA members.
- When the analysis has converged, an analysis note should be prepared.



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Review by the Physics Working Group

The review within the Physics Working Group should ensure that the results which are approved for publication

- have high quality
- are correct
- are uniform (in terms of results AND e.g. graphics)

But what does this mean?



Review by the Physics Working Group

Typically we should be able to answer a couple of questions before preparing the note:

- What is the physics motivation of my work?
- How dependent is my result on e.g. Pandaroot revision or pattern recognition approach?
- How well do my results agree with previous work?
- If my result disagree with previous work, do I understand why?
- Which of my results are relevant for the outside world?
- How would showing this result to the outside world affect PANDA?
- Do the results stand for themselves and are they straightforward to show?

Or the opposite: can some result be taken out of its context and be misused?



The analysis note should contain...

- i) a comprehensive physics motivation of the work
- ii) a reference to the data sets the analysis is based on
- iii) the version/revision of the used official software
- iv) the selection criteria
- v) relevant plots
- vi) numerical results including discussion of uncertainties, where applicable
- vii) relevant scripts, macros and the source code of non-standard routines for physics analysis
- viii) results, in particular plots



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**Proper introduction
and key references**



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**Experimental data: not applicable
before start-up.
If MC data set: give reference**



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The analysis note

Results, in particular plots, figures, tables and numbers proposed for release should be highlighted as "PROPOSED FOR RELEASE".

For tables, plots and figures this should be highlighted in the corresponding caption.

Any number proposed for release should be addressed in the summary of the release note.



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When the note is written:

- Submit it to the "Publications Review Forum"
<https://panda.gsi.de/panda-forums/release-note-rn>
- The discussion about the note within the PWG should be via this forum.
- When the note is approved by the PWG, the process continues to step 2.



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Good luck with your notes!