



News

TDCPV meeting
18/11/2019

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Task for analysis tools TDCPV: reminder



From last TDCPV meeting slide by Yusa-san

- Tag side vertex fit (TagV)
 - Check parameters with kfitter
 - IP constraint
 - Today Tanigawa-san presentation
- Flavour tagger validation
- S/B fraction for hadronic control sample
 - Today Onuki-san presentation
- DeltaT resolution

Still looking for analysis skim liason (Reem asked to step down)

Review process (from Ale slide at B2GM)



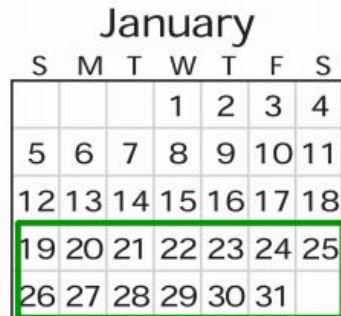
Got B2note for “B lifetime to hadronic decays” by Reem R. et al. Thanks! Will provide feedback asap

Most of the above is defined by the Belle II bylaws, a document with more details on the approval procedure is in preparation.

Timeline for winter conferences

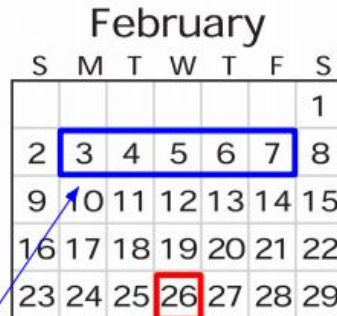


... partial datasets with sub-optimal calibrations are available



Fully calibrated 2019 dataset becomes available

B2GM



Last chance to start RC review



Last chance to start CWR

Conference begins

	Recommended	“Just in time”
WG sign-off	January 31 st	February 19 th (*)
RC sign-off	March 5 th	March 12 th
CWR sign-off	March 16 th	March 20 th

(*) assuming it takes one week to form a RC – this may be quite optimistic

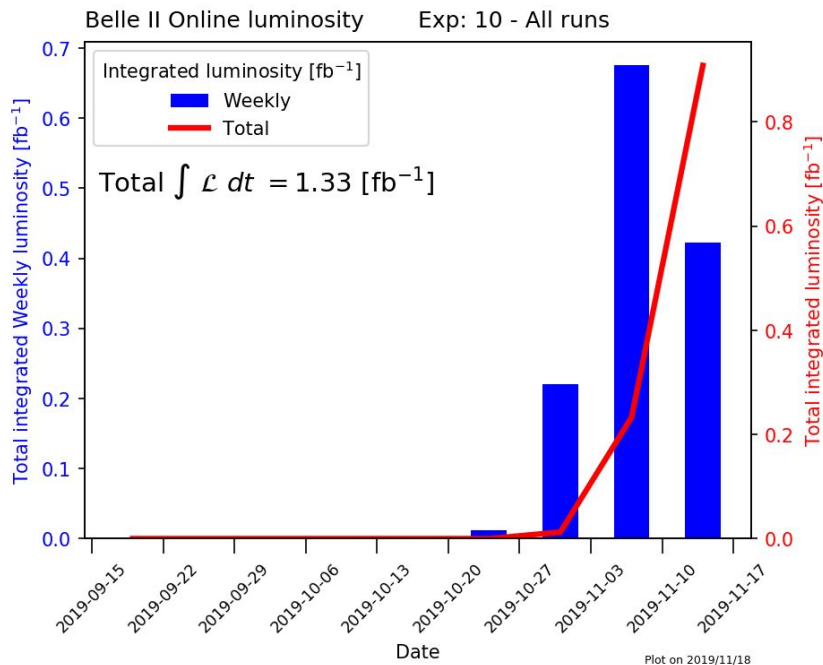
Key point: the supporting document of the analysis should be complete ~before the next B2GM.

Hofstadter’s law: it always takes longer than expected, even after considering Hofstadter’s law.

Exp 10 luminosity



<https://confluence.desy.de/display/BI/Phase+3+luminosity+monitoring>



- We are collecting ~0.5 /fb per week
 - Today 1.33 /fb (not all good runs)
- Official goal by mid december was 20/fb
 - About 2/fb per week
- Integrate lumi might increase, and we could reach the goal
 - Today $\beta_y^* = 1.00$ mm
- My suggestion is to work on exp7+8 data
 - And be prepared to add exp10 as soon as available, if possible.

Data processing availability



- Today state of the art is still proc9 + prompt (bucket7)
 - Remember to use good runs only!
- **Proc10**: full exp 7+8 reprocessing <https://agira.desy.de/browse/BIIDP-1901>
 - Post tracking calibration is going on
 - Mdst processing should start hopefully end of this week/beginning of next week
 - Should last O(10 days).
 - Ready by end of November (?)
- **Exp10 prompt processing**: bucket8
 - Will start as soon as we collect 2/fb
 - ~Next week?
 - Then alignment, cdst processing, post-tracking calibration
 - Should be ready by O(december 10)
- All is still subject to change and delays.

Survey on analysis activities of Belle II doctoral students



You just got a mail from Ale:

Dear Colleagues,

we are conducting a survey about the analysis related activities of the doctoral (i.e. people who expect to earn a PhD or equivalent title at the end of their current appointment) students of Belle II.

We would like each doctoral student to fill the following Google form:

<https://forms.gle/XctYPZBrkK2W1C5U6>



TDCPV Group Meeting (EU friendly)

 Monday 18 Nov 2019, 18:00 → 20:00 Asia/Tokyo

 Stefano Lacaprara (Belle (SuperKEKB Experiment)), Yosuke Yusa (Niigata University)

Description <https://speakapp.link/to/ltjS8Q>

18:00 → 18:10 **News**

Speakers: Dr Stefano Lacaprara (Belle (SuperKEKB Experiment)), Yosuke Yusa (Niigata University)

18:10 → 18:30 **IP constraint and vertex fit quality indicator**

Speaker: Hikaru Tanigawa (Univ. of Tokyo)

18:30 → 18:50 **Wrong tag fraction of hadronic control sample**

Speaker: Yoshiyuki Onuki (Belle (SuperKEKB Experiment))
