

06.15.2020 EC

Present: John, Rafo, Stepan, Matt G., Norman, Tim, Cameron, Tongtong, Maurik, Matt S., Andrea, Omar

- News
 - . Write an email to Marco for a possible change of the experimental schedule.
- Update on 2016 analysis:
 - [Vertexing analysis, unblinded L1L1](#) - Matt S.
Matt will send the final results with systematics uncertainties to the committee. Expect to get results approved on Wednesday. Then a plot of OIL will be released to the collaboration meeting for approval. It will be used in the jeopardy document.
 - Resonance Search, final results - Rafo/Cameron
No word from the committee yet
- Status of 2019 MC/data comparison - Matt G.
Looks like the discrepancy between MC and data is run dependent, reverses the ratio for later runs. For now, we will assume MC to be correct.
- [Reach estimate for 2019 \(4.5 GeV\)/2021 \(3.8 GeV\)/2.2 GeV](#) - Cameron/Matt G./Omar
- [Update on PAC and the jeopardy document](#) - Stepan
The 10 page limit requirement is strict, we may get 1-2 pages for the title (author list) and references but the document text and figures should be within 10 pages.
A proposed list of figures:
 - Fig.1 (a) ϵ^2 vs mass with 2015 (published) and 2016 resonance search, with all other experiments on it, the latest
Fig.1 (b) ϵ^2 vs mass with 2016 vertexing results (optimum interval method), low ϵ region
 - Fig.2 (a) 2019 SVT rendering with mods
Fig.2 (b) hodoscope
 - Fig.3 (a) 2019 vertexing resolution vs mass
Fig.3 (b) 2019 vertex distribution for available statistics ~~efficiency vs. z for long-lived A' at two masses~~
 - Fig.4 (a) 2019 mass distribution after Esum cut
Fig.4 (b) 2019 Esum distribution overlayed MC, show 2 cluster events with different symbols
 - Fig.5 Reach plot - expected reach from 2019 and projected reach for 2021 (3.7 GeV) with all others in Fig.1(a)
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