

JINST Paper: status and perspectives

Kemp & St. John (& Asaadi)

Apr/27/2018

LArIAT Analysis Meeting

Start	Title	Author(s)	Topic(s)	File(s)	Length	Edit
10:00	Welcome & Meeting Goals	Jonathan Asaadi <i>et al.</i>	LArIAT	2018_welcome.pdf	00:10	Edit

Goals

PAPERS

- Detector paper **MUST** be finished soon!
- Other papers hot on the heels of the detector paper: Michel electrons, negative pion inclusive...
- Technotes
 - Record of all analysis details, making things easier for future students to ramp up and advance these efforts
 - First step to a publishable paper!
 - Review by two godparents, then review by full collaboration

More analyses!

- We have so much data, and plenty of untouched areas of analysis
- Today we'll discuss with other experiments about what would be useful for us to investigate with our boatloads of data

Timeline (optimistic one)

- Section reviews: focused
 - We can have specific reviewers for sections/subsections
 - Feb/25
- Review of beta-version: overview of general content
 - 3 reviewers
 - Mar/10
- 1st Round of corrections /adjustments
 - Mar/17
- Review of 1st-release
 - Mar/30
- 2nd Round of corrections /adjustments
 - Apr/10
- **Submission:**
 - **Apr/15**

Timeline (realistic one): urgent actions to have the very FIRST DRAFT

- Section reviews: focused
 - We can have specific reviewers for sections/subsections
 - Feb/25
 - **DONE!**
- Changes in the text according to the review
 - On-going
 - Due time: Wednesday, May/02
- New step (after discussions on last Collab. Meeting):
Last review of individual sections
 - Preferably made by by non-experts)
 - Due time: Wednesday, May/09

Timeline (realistic one): DRAFT → PAPER

- Review of beta-version: overview of general content
 - 3 reviewers
 - From May/14 to May/23
- 1st Round of corrections /adjustments
 - Due time Jun/04
- Review - open to the whole collaboration - of 1st-release
 - From Jun/05 to Jun/11
- 2nd Round of corrections /adjustments
 - Due time: Jun/18
- **Submission:**
 - **Jun/20**

Conclusions

Psychological refractory period

Psychological refractory period (PRP) is based on single-channel hypothesis

It suggests that, if a second stimulus is presented before first stimulus is processed then an unavoidable delay will occur.

The delay occurs because the second stimulus must wait for the first to be processed even if it is no longer valid

- Ball clipping the net in tennis and changing direction
- Ball deflected off a defender and past goalkeeper
- A dummy pass in rugby
- Trick plays in American football

[Trick Free tricks](#)

[Czech Republic Short Corner](#)

[Cruyff Turn](#)

[Trick Pass](#)

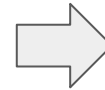
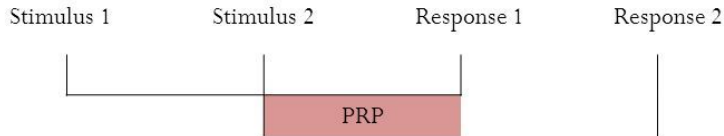
[Fake Punt](#)

[Flip Flap](#)

[Dummy Runners](#)

PRP is used to create time for yourself to perform the skill you desire or to create space

- Present two stimuli in quick succession so there is no time to deal with first stimuli before second is presented



We made progress

More effort is required, but we are almost there

Let's publish our JINST Monster !!