

APB discussion items

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Follow-up items

APB procedures & responsibilities

- steer review & authorship of full-DUNE publications (cont'd)
- administration of author lists (chairperson + Maxine)
 - this ought to be mostly an automated process but at present it isn't quite the case:
 - submission (both to arXiv and to journal) is handled by primary authors, who may or may not be familiar with requirements from either side
 - different LaTeX formats used by different journals

slide as discussed in February meeting

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 - this ought to be mostly an automated process but at present it isn't quite the case:
 - submission (both to arXiv and to journal) is handled by primary authors, who may or may not be familiar with requirements from either side
 - different LaTeX formats used by different journals
- update:
 - have now converged on a workflow in which the XML file (which is to be uploaded to arXiv, from where it is picked up by INSPIRE) now contains LaTeX names (both authors & institutes) and institute address in addition
 - in consequence: XML file can “safely” be used to generate per-journal author lists
 - a button in the Collaboration DB will be provided, allowing IB representatives to see directly how names of their colleagues will end up looking in papers

Full-authorship publications (1)

Workflow: attempt to accelerate setting up ARCs

- still needs availability of chair / deputy chair to take initiative
- but are hoping to establish a list of collaborators (students excepted) in participating in ARCs, along with their areas of interest / expertise
 - but this needs to be setup / facilitated
 - most straightforward would be for people to tick boxes on some web form?

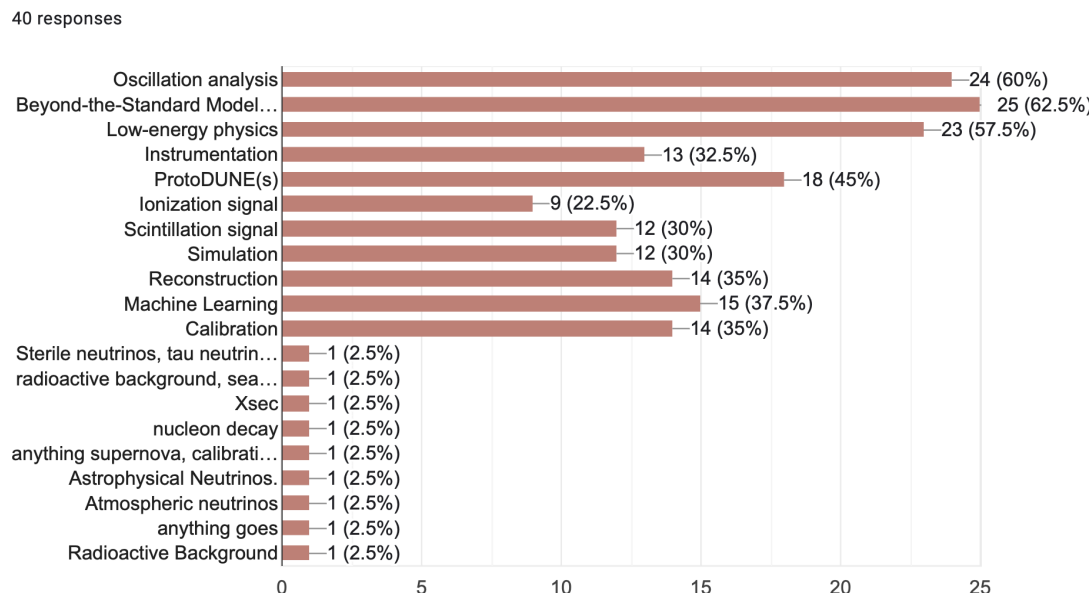
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Update:

- [Google form](#) has been used by 40 collaborators
- expect to be making use of this input on next occasion



Current requests for TP / phenomenology papers

We have meanwhile received 3 such requests:

- Kate Scholberg (TP): impact of cross-section uncertainties on SNB spectral parameter fitting in DUNE ([docdb-25849](#))
 - being reviewed by Sara and Frank
- Jae Yu (?): “BSM Targets at a target-less DUNE”
 - no clarification yet on what category the classification is for (but it looks as if a phenomenology paper classification is unlikely)
- Andrea Zani (TP): PD-SP Xe doping campaign
 - draft paper to be uploaded onto docdb shortly

Any volunteers for the last two papers?

Institute reading

Participation during Collaboration Review

We are seeking ways to improve on the situation

One suggestion (which has already proven to work in other collaborations): for each paper, select a few institutions that are tasked with reading the paper and sending in comments

- a fairly light task, given the number of DUNE institutions and the number of papers expected to appear annually

Suggestions for other alternatives are welcome

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Update: the IB was very much in favour of this approach, and asked us to go ahead with an actual implementation

- with the charge to report back to the IB in the next IB meeting
- some discussion took place during the IB meeting, mostly about fairness towards small institutes

Backup

Other to-do items

- public plots policy
- plots style
- public web pages for plots/tables from published papers
- check / complete Wiki page

APB procedures & responsibilities (1)

Laid out in docdb-1115:

- steer review & authorship of full-DUNE publications
 - appointment of ARCs (typically discussed among full APB)
 - often takes (too much?) time to converge (meeting scheduling, availability of (deputy) chairperson to initiate the process, ...)
 - choice of journal: balance (currently have many EPJC papers), Open Access
 - KDAR paper led to issues due to JCAP not participating in SCOAP3
 - language / style: idea is that the APB “appoint a group of language/style editors” charged with optimising the quality of our publications
 - this has not happened yet
 - some work has been done by Jeremy Hewes -former ex-officio Young DUNE APB member- on figure style

APB procedures & responsibilities (3)

Laid out in docdb-1115:

- deal with requests for limited-authorship (“Technical”) papers
 - decision on limited versus full authorship (typically by discussion among full APB, after proposal by two APB members who have read the draft in some detail)
 - not always trivial, due to consideration of reliance on DUNE resources + requirement that TP do not make statements on “ultimate physics sensitivity”
 - idea is that authors contact us early in the process, but more often we are contacted only once a full draft exists (which may complicate the decision)
 - if approved: appointment of Technical Paper co-ordinator (often but certainly not always an APB member), who circulates to DUNE for 1 week and also moderates comments on author list
 - has worked without significant problems (e.g., no comments on author lists)

APB procedures & responsibilities (4)

Laid out in docdb-1115:

- guide review of conference proceedings (this is mostly a service to our collaborators)
- appoint a coordinator, who circulates the proceedings to DUNE for 1 week, and checks suitability/status of figures and that the proceedings carry a single author name “for the DUNE Collaboration”
 - authors often fail to notify us the requisite minimum of 9 days in advance of submission deadline (and even if they do, it may take time to converge on a coordinator) — or sometimes they notify the SC instead
 - communication with Speakers Committee: APB chair & deputy chair see SC e-mail messages but are not typically aware of deadlines & proceedings details
 - for conferences with many speakers (e.g. NuFact, ICHEP), it is a challenge to organise the review even if deadlines are observed
 - req. of single author name sometimes felt by authors to be a problem

APB procedures & responsibilities (5)

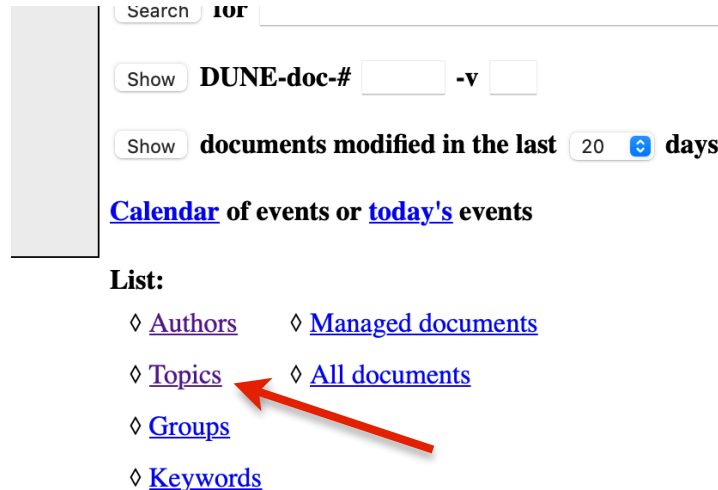
Laid out in [docdb-1115](#):

- Theory / phenomenology papers (co-)authored by DUNE collaborators: should only use publicly available information and only refer to DUNE in general terms (e.g. “large liquid-argon detectors like DUNE”)
- not reviewed by DUNE, so our only tasks consists in determining whether the paper satisfies these criteria
 - this presupposes that we are notified to start with — not sure this always happens
 - “general terms” requirement is not always easy to satisfy

Additional information

In the DUNE docdb server:

1) on the docdb homepage:



The screenshot shows the top navigation area of the DUNE docdb server. It includes a search bar with the text "ior", a "Show DUNE-doc-#" filter, and a "Show documents modified in the last 20 days" filter. Below these are links for "Calendar of events or today's events" and a "List:" section with several navigation links: [Authors](#), [Managed documents](#), [Topics](#), [All documents](#), [Groups](#), and [Keywords](#). A red arrow points to the "Topics" link.

2) on the “Topics” page:

Authorship and Publications (7)

Paper type

- [Full authorship](#) (13)
- [Limited authorship](#) (21)
- [Proceedings](#) (13)
- [Supplemental](#)

- [Policies and procedures](#) (4)

[Review lead](#)

[Review stage](#)

- this requires manual updates to docdb entries' metadata and is therefore not guaranteed to be fully correct (needs effort)

Internal book-keeping: [google sheet](#) (on 3 main publication categories)

- viewable by anyone knowing the link

Manual (shared between chair & deputy chair): procedural items

Discussion points / proposals / plans / projects

Full-authorship publications (2)

Figure style:

- would like this to be picked up again (Young DUNE?). Uniformity between publications is not critical but we should at least strive for good quality

Review of the analysis itself:

- according to the policy document, documentation of the analysis is expected in the form of an “analysis package”
 - but in practice, ARC and Collaboration review stages only see the paper draft
- sentiment (e.g. by Inés and Chris) that more scrutiny would be welcome
 - code (for cross-checks or for “analysis preservation”?)
 - independent cross-check within WG?

(Not immediately sure what role the APB ought to take in this)

Conference proceedings

Need somewhat specific attention due to (often) time-critical nature following from submission deadlines

We are thinking that it would be good if organisation of their reviews (i.e., identifying a coordinator) could be taken up by a single APB member as a primary responsibility

- for a fixed term (e.g. 3 months only), then rotate?
- no other (new) obligations during this time
- ideally, would also keep in touch with SC especially about proceedings submission deadlines for conferences with more than a handful of DUNE speakers / poster presenters

Web pages

Internal:

- there are quite a few small details that, if not observed, may slow down the review & submission of papers
- idea: setup Wiki page providing such details. Volunteers to help fill it?

External:

- in 2020, started a project to make plots & tables from publications available for public use (e.g. for use in conference presentations)
 - mostly automated extraction of LaTeX items (captions + tables) from paper sources, followed by automatic web page generation
 - largely works, but needs technical support to host results & format according to desires
 - this could undoubtedly be done elsewhere than at Fermilab, but this would not give a good impression