

Authorship and Publication Board

Tim Bolton

April 20, 2018

Membership

- Tim Bolton (Chair)
- John LoSecco (Deputy)
- Frank Filthaut (Member)
- Alberto Gaga (Member)
- Takuya Hasegawa (Member)
- Ina Sarcevic (Member)
- Jon Urheim (Member)
- Ryan Patterson (Physics Coordinator)
- Elizabeth Worcester (Deputy Physics Coordinator)

Charge

- Oversees review and submission of DUNE collaboration publications, technical publications, and conference proceedings;
- Establishes and appoints members of Analysis Review Committees (ARCs) for collaboration publications, in conjunction with the Physics Coordinators;
- Appoints Technical Review Coordinators for Technical papers;
- Supervises the collaboration comment process for conference proceedings;
- Adjudicates conflicts that may arise in the DUNE publication process;
- Maintains a database of collaboration publications, technical publications, and conference proceedings;
- Develops and proposes modifications of DUNE publication procedures to the Spokespersons, as requested.
- Oversees maintenance and development of DUNE publication tools.

Proceedings, Technical Papers

| | Proceedings | Title | Conference | DocDB | archive | |
|--|----------------------------------|---|-------------|-------|----------------------------|--|
| | A. Weinstein | Supernova Neutrinos at the DUNE Experiment" | TAUP 2017 | 5900 | | |
| | C. Cuesta | Photon detection system for ProtoDUNE dual phase | LIDINE 2017 | 6026 | 1711.08307 | |
| | J. Stewart | The ProtoDUNE Single-Phase Detector | IEEE NSS | 6002 | | |
| | B. Howard | Liquid argon scintillation detection utilizing wavelength-shifting plates and light guides | LIDINE 2017 | 6044 | | |
| | N. Grant | "DUNE oscillation physics" | NuFact 2017 | 5486 | | |
| | J. Migenda | " Supernova Burst Observations with DUNE" | NuPhys2017 | 6275 | 1804.01877 | |
| | D. Brailsford | DUNE: Status and Perspectives | NuPhys2017 | 6296 | 1804.04979 | |
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| | Technical Papers | | | | | |
| | B. Howard | "A Novel Use of Light Guides and Wavelength Shifting Plates for the Detection of Scintillation Photons in Large Liquid Argon Detectors" | NIM-A | 5297 | 1710.11233 | |
| | A. Himmel, J. Insler, Z. Djurcic | "Photon Detector System Performance in the DUNE 35 ton prototype LAr-TPC detector" | JINST | 1364 | 1803.06379 | |
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Reminder of current procedures

- Conference proceeding:
 - Clear text, numbers, plots with physics group convenors, Physics Coordinators.
 - Post draft to DocDB, notify APB chair.
 - One week Collaboration comment period.
 - Author is “Your Name, For the DUNE Collaboration”.
- Technical Papers
 - Notify APB chair.
 - Technical paper coordinator appointed.
 - TPC supervises comment/response with Collaboration.
 - TPC, APB sign-off.
 - Limited author list established by working group.

Publication/authorship policy review

- Recommend changes to existing DUNE publication policy document, DUNE DocDB 1115. Lead: Filthaut.
- Define transition point from limited author technical paper to full collaboration authorship of ProtoDUNE papers. Lead: Urheim.
- Define special procedures, if needed, for DUNE theory papers produced by DUNE theory collaborators. Lead: Sarcevic.
- Better define Analysis Review Committee structure and Collaboration Review process for journal publications. Lead: Worcester.
- Propose requirements to be listed as an author on a DUNE paper. Lead: Gago.
- Propose document archival tool and document review archiving tool for DUNE. Lead: Bolton.

Goals

- First set of revised policies for consideration at Collaboration meeting.
- Ready to process ProtoDUNE publications by fall 2018 with revised procedures.