

News

Sowjanya, Kendall

Calibration Task Force Meeting
October 19, 2017

DUNE Physics week

- November 14 to 17 at Fermilab
- Register if you haven't already:
<https://indico.fnal.gov/conferenceDisplay.py?confId=15181>
- We will have dedicated Calibration sessions at the physics week
- We will need people power to accomplish the tasks at hand, so encourage your team members to get involved in calibration tasks at the physics week.
- Contact us if you are interested to contribute.

Topics for DUNE Physics week

- We are currently planning dedicated sessions on the following topics:
 - Cosmic ray muon studies
 - Rates, Spatial/angular distributions, alignment studies etc.
 - Physics with Laser
 - Space charge studies
 - Space charge from cosmics and other ionization sources
 - Field distortions from alignment, resistor failures etc.
 - Radioactive source studies and low energy events
 - Physics requirements and calibration needs
- If there is a topic you would like to add/contribute, please contact us.

Contact persons for each topic

- We are currently planning dedicated sessions on the following topics
 - Cosmic ray muon studies (T. Junk)
 - Rates, Spatial/angular distributions, alignment studies etc.
 - Physics with Laser
 - Space charge studies
 - Space charge from cosmics and other ionization sources (M. Mooney)
 - Field distortions from alignment, resistor failures etc. (Bo)
 - Radioactive source studies and low energy events (Juergen, Kate)
 - Physics requirements and calibration needs (Calibration TF and LBL conveners)

Physics week specific tasks

- We will hear from each of the topic leads on plans for the physics week
 - T. Junk (today)
 - Bo (next week, Oct. 24th)
 - M. Mooney (next week, Oct. 24th)
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Calibration Feedthroughs

- We continue to work on the FT counter proposal received from Eric/Marzio and the cryostat engineering team.
- Juergen will discuss today about the feasibility of proposed FTs for radioactive sources in terms of physics, run plan etc.
- We will have more discussions on Laser in the coming weeks