

Snowmass Early Career Neutrino Frontier Coordination - An Introduction

First Term Leaders: Erin Conley, Xianyi Zhang
Temporary Liaisons: Erin Conley, Vishvas Pandey, Tanaz Mohayai
On behalf of Snowmass Early Careers in Neutrino Frontier

Neutrino Frontier Town Hall
7/17/2020

Who we are

Snowmass early career members (students, postdocs, EC technical staffs, and new faculties) with neutrino research backgrounds and interests

We represent early career neutrino researchers in the snowmass process

We have leaders with 3-month terms who act as liaisons between the NF conveners and early careers

Our ultimate goal is to provide input to the snowmass process on behalf of early career scientists

Current status

We hold weekly meetings; announcements are made on the general snowmass early career Slack channel, #snowmass-young

We have an email list: SNOWMASS-EC-NEUTRINOFONTIER@listserv.fnal.gov

In addition to 3-month leadership terms, we have dedicated topical group early career liaisons to ensure representation in all areas

Current Organizational Structure

Leadership List (each with 3-months shift):

Leadership volunteers	Shift
Erin Conley (erin.conley@duke.edu)	July - Sep 2020
Xianyi Zhang (zhang39@llnl.gov)	July - Sep 2020
Steven Gardiner (gardiner@fnal.gov)	Sep - Nov 2020
Vishvas Pandey (vpandey@fnal.gov)	Oct - Dec 2020
Jay Jo (jayhyun.jo@yale.edu)	Dec 2020 - Feb 2021
TBD	Jan - Mar 2021
Tanaz Mohayai (mtanaz@fnal.gov)	Mar - May 2021
Jacob Zettlemoyer (jzettle@fnal.gov)	Apr - June 2021
TBD	May - July 2021

Topical liaisons:

Topical groups attendance volunteers	Full Name	Email
NF01: Neutrino Oscillations	Tanaz Mohayai	mtanaz@fnal.gov
	Jay Jo	jayhyun.jo@yale.edu
	Teresa Lackey	tlackey@iu.edu
NF02: Sterile Neutrinos	Jacob Zettlemoyer	jzettle@fnal.gov
	Vishvas Pandey	vpandey@fnal.gov
NF03: BSM	Kevin Kelly	kkelly12@fnal.gov
	Cindy Lin	ylin@snolab.ca
NF04: Neutrinos from natural sources	Steven Gardiner	gardiner@fnal.gov
	Erin Conley	erin.conley@duke.edu
NF05: Neutrino properties	Cindy Lin	ylin@snolab.ca
	Jacob Zettlemoyer	jzettle@fnal.gov
NF06: Neutrino Interaction Cross Sections	Vishvas Pandey	vpandey@fnal.gov
	Steven Gardiner	gardiner@fnal.gov
	Tanaz Mohayai	mtanaz@fnal.gov
NF07: Applications	Xianyi Zhang	zhang39@llnl.gov
NF08: Theory of Neutrino Physics	Vishvas Pandey	vpandey@fnal.gov
NF09: Artificial Neutrino Sources	Tanaz Mohayai	mtanaz@fnal.gov
	Jacob Zettlemoyer	jzettle@fnal.gov
NF10: Neutrino Detectors	Tanaz Mohayai	mtanaz@fnal.gov
	Jay Jo	jayhyun.jo@yale.edu

Short term and long term goals (under development)

Short term:

- Regularly hold meetings, communicate with, and hold surveys within the Snowmass early career community
- Encourage early career members to participate in the Snowmass process

Long term:

- Share ideas from early career community with topical conveners and help devise plans for the future of neutrino research and physics education
- Provide reports to early career scientists about the progress in Snowmass process