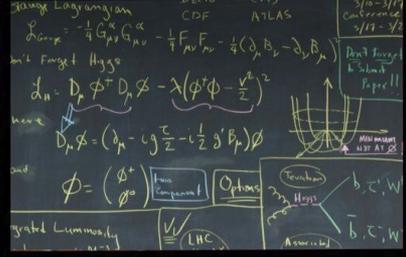




New Perspectives 2020



2020-08-24
FSPA



Photos: Fermilab

Contact

Primary points of contact:

- Maria Martinez-Casales: mcasales@fnal.gov
- Luke Pickering: picker24@fnal.gov

All of FSPA Officers: fspa_officers@fnal.gov

More details on indico: <https://indico.fnal.gov/event/44451/overview>

New Perspectives 2020: August Installment

- 32x12 minute talks
- Two days
- 4.5 hours of breaks!
- Two Careers Events

	Conference Opening	08:45 - 09:00
09:00	A multidisciplinary endeavor in experimentation in DAMIC	Michelangelo Traina 
	SuperCDMS IMPACT: Measuring the sub-keV Ionization Yield in Cryogenic Solid-State Detectors	Tyler Reynolds 
	Search for fractionally-charged particles with CDMSlite	Mr. Samir Banik 
	Search for millicharged particles at the LHC with the milliQan prototype	Luca Lavezzo 
10:00	Monday Morning Break	10:00 - 10:30
	Energy reconstruction technique for very high energy muons with DUNE far detector.	Jaydip Singh 
	Impact of Cross-Sectional Uncertainties on DUNE Sensitivity due to Nuclear Effects	SRISHTI NAGU 
11:00	Simple Charge and Flash Matching to better constrain cosmic background in SBN's near and far detectors.	Iker de Icaza Astiz 
	Event Reconstruction Improvements with Machine Learning in SBND	Edward Tyley 
	Results from the ICARUS T600 Detector concerning the "Online Method" of Purity Monitoring	Olivia Bitter 
	Monday Morning Break 2	11:30 - 11:45
12:00	Industry Panel	11:45 - 12:15
13:00	Monday Midday Break	12:15 - 13:15

Presentations

- **Presenting:**
 - Speaker will share their screen
 - If the Speaker has any issues, the one of the co-hosts can share instead (if they are uploaded).
 - If you have the bandwidth, it is also nice if you share your video, but not necessary.
- **Slides:**
 - Upload before the start of the day of your talk
 - I will be pestering by email if they are not!
- **Questions:**
 - Raise hands in zoom
 - Chair will call on members of the audience to ask their question.

Presentations

- **Time-keeping:**

- If it looks like the talk might go over, Session chairs will notify time left via zoom chat.
- Speakers, if you see this, acknowledge it out loud (we appreciate that it is hard to notice while presenting).
- If this doesn't happen, you may be interrupted by the chair.
- **Schedule is tight, please keep to 12 minutes.**

- **Recording:**

- We will not record all talks, but if you want us to record your talk, we can.
- Recording of Fermilab events requires prior-signed AV release: [Find form here](#).
- Send us the form before your session.

Presentations

- **Prizes:**
 - Amazon vouchers up for grabs for exceptional talks in each of two categories
 - Most accessible talk for non-experts
 - Best plot/slide (Aesthetic, or novel information presentation)
 - Nominated by session chairs

Careers Events

- Two careers events:
 - 12:15 Central each day
 - Covering both the path to industry, and hiring at a national lab.
- Connection via this same zoom.
- Hope to see you there!
 - Not 'over' lunch, there is an hour break following each event.

New Perspectives 2.0 Career Sessions

Monday August 24th

Path To Industry Career Panel

- **Bing Bu** (D0/NOvA, Director of Technology at Strike Social)
- **Ben Freemire** (Accelerator Physicist (FAST, MuCool, MICE), Research Scientist at Euclid Techlabs LLC)
- **Ben Kreis** (CMS, Data Scientist at Apple)
- **Cristiana Principato** (CDF/NOvA, Data Scientist at MakerSights)

➤ **Four panelists will introduce their backgrounds in physics and industry and then take your questions!**



12:15 to 13:15



Connect via [Zoom](#)

Tuesday August 25th

Preparing for Your Next Career Move

Eileen Beno, Scientific Recruiter, Fermilab



Developing a road map <

Assessing skills <

Identifying tools and resources <

Meeting with HR - what to do and NOT do <

Slack Channel

- **Workspace:**

- You should have received an invite to the New Perspectives 2020 Workspace:
- Get in touch if not

- **Channels:**

- Will start in `#general`, if it is being used, then we will make per-session channels and advertise them on `#general`.

Fermilab Community Standards

- Can be found [here](#).
- Covers all of New Perspectives:
 - Hosts, Presenters, Questioners, Session Chairs, Slack, and Trivia night
- If you see any violations against you or others:
 - Report them to us or Fermilab HR (ask Users office for who your HR rep is)

We are one Fermilab

-  Everyone is worthy of respect
-  Encourage discussion
-  Genuinely listen
-  Collaborate
-  Respect the messenger
-  Have courage
-  Own your voice
-  Be kind
-  Fresh perspectives lead to innovation
-  Encourage others to speak
-  Own it, mistakes happen
-  Share the air



New

~~Fresh perspectives lead to innovation~~

Any Questions?
