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Potential Muon Campus & Storage Ring Experiments

Organizers: Jason Crnkovic, Sudeshna Ganguly, Diktys Stratakis

Day 3: Muon Campus Experiments

Chairs: Mary Convery, David Tarazona

May 26th, 2021

Session Overview

<https://indico.fnal.gov/event/48469/timetable/#20210526.detailed>

8:05	8:17	Particle Beams for the REDTOP Experiment	Mike Syphers
8:17	8:27	800 MeV Resonant Extraction from the Delivery Ring	John Johnstone
8:27	8:39	The Physics of REDTOP	Anna Mazzacane
8:39	8:50	The REDTOP Experiment	Corrado Gatto
8:50	9:15	Mu2e-II	Sophie Middleton
9:15	9:30	Muxe: A Familon Search Experiment Using HPGe Detectors	David Koltick
9:30	10:00	Coffee Break	All
10:00	10:25	Planned Mu2e target test at AP0	Dave Pushka
10:25	10:50	PIP-II upgrades	Eduard Pozdeyev
10:50	11:15	M ³ "Muon Missing Momentum	Yonatan Kahn
11:15	11:40	Muon Beam Experiments to Probe the Dark Sector	Yiming Zhong
11:40	12:40	Open Discussion	All

Slack and Zoom for discussions

- There are three open Zoom rooms for informal free-style discussions (8AM through 1PM CST, Passcode: PFMC&SRE):
 - [Esra's breakout room](#) (Meeting ID: 933 4070 3427)
 - [Sudeshna's breakout room](#) (Meeting ID: 984 9577 8906)
 - [Jason's breakout room](#) (Meeting ID: 938 4143 0603)
- A dedicated Slack workspace is also available for posting questions and having discussions:
 - Invitation link [here](#) (before logging in)
 - Log in with <http://fermilabmuonc-5kt8531.slack.com/>

Workshop code of conduct

<https://indico.fnal.gov/event/48469/page/2792-code-of-conduct>

Code of Conduct

We will observe the [Code of Conduct for APS Meetings](#) at the Potential Fermilab Muon Campus & Storage Ring Experiments workshop.

It is the policy of the American Physical Society (APS) that all participants, including attendees, vendors, APS staff, volunteers, and all other stakeholders at APS meetings will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination, harassment, or retaliation. Participants will treat each other with respect and consideration to create a collegial, inclusive, and professional environment at APS Meetings. Creating a supportive environment to enable scientific discourse at APS meetings is the responsibility of all participants.

Participants will avoid any inappropriate actions or statements based on individual characteristics such as age, race, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, ability status, educational background, or any other characteristic protected by law. Disruptive or harassing behavior of any kind will not be tolerated. Harassment includes but is not limited to inappropriate or intimidating behavior and language, unwelcome jokes or comments, unwanted touching or attention, offensive images, photography without permission, and stalking.

Violations of this code of conduct policy should be reported to meeting organizers, APS staff, or the APS Director of Meetings. Sanctions may range from verbal warning, to ejection from the meeting without refund, to notifying appropriate authorities. Retaliation for complaints of inappropriate conduct will not be tolerated. If a participant observes inappropriate comments or actions and personal intervention seems appropriate and safe, they should be considerate of all parties before intervening.

Upon witnessing, experiencing any violation of the code of conduct, reports can be filed via sending a direct email to any or all of the three organizers: Jason Crnkovic, Sudeshna Ganguly, Diktys Stratakis. One can also submit a report here: [Workshop COC Violation Report](#). Reports can be submitted anonymously. Submissions to this form will be viewable only by the workshop organizers.

Slack and Zoom for discussions

Audience:

- Questions will be held until the end of the talks and open discussion (11:40AM-12:40PM CDT).
- Please “raise hand” in Zoom.