

Exploring the Quantum Universe

Pathways to Innovation and Discovery in Particle Physics

Report of the 2023 Particle Physics Project Prioritization Panel

Fermilab Town Hall
11 December 2023



2023p5report.org



U.S. DEPARTMENT OF
ENERGY





Fermilab P5 Town Hall Welcome

Marco Del Tutto, Sergo Jindariani

11th December 2023



Welcome!

*to the P5 (Particle Physics Project
Prioritization Panel) hybrid Town Hall
hosted jointly by Fermilab and DPF*



Agenda

13:00	Introductory Remarks <i>Ramsey Auditorium (Wilson Hall), Fermilab</i>	<i>Lia Merminga et al.</i> 13:00 - 13:10
	Event Schedule and Logistics <i>Ramsey Auditorium (Wilson Hall), Fermilab</i>	<i>Marco Del Tutto et al.</i> 13:10 - 13:15
	Report Presentation <i>Ramsey Auditorium (Wilson Hall), Fermilab</i>	<i>Hitoshi Murayama et al.</i> 13:15 - 14:00
14:00	Responses to Pre-Submitted Community Questions <i>Ramsey Auditorium (Wilson Hall), Fermilab</i>	14:00 - 14:45
	Remarks from DOE, NSF and FNAL <i>Ramsey Auditorium (Wilson Hall), Fermilab</i>	<i>Lia Merminga et al.</i> 14:45 - 15:00
15:00	Open Mic Session <i>Ramsey Auditorium (Wilson Hall), Fermilab</i>	15:00 - 16:00
16:00	Reception <i>Atrium (WH1), Fermilab</i>	16:00 - 18:00
17:00		
18:00		

Introductory Remarks by
Sekhar Chivukula DPF Chair / P5 Rollout Comm. Chair
Lia Merminga Fermilab Director

Presentation of the P5 Report by
Hitoshi Murayama P5 Chair
Karsten Heeger P5 Deputy Chair

Response to Pre-Submitted Community Questions

Remarks by
Gina Rameika DOE Associate Director for HEP
Saúl González NSF Physics Division Director
Lia Merminga Fermilab Director

Open-Mic Q&A Session

Reception in Wilson Hall Atrium
P5 panel and rollout committee members have name tags

Questions

We have 2 Q&A sessions:

1. The P5 panel will answer questions previously submitted on the [Questions Google Doc](#).

NOTE: You can still add questions to this document and continue to do so after the Town Hall ends.

2. Open mic Q&A session:

- **Onsite:** please raise your hand and we will bring a mic to you
- **Zoom:**
 - The “Raise Hand” button will be available when this session starts.
 - Please click on this button if you would like to ask a question.
 - Once we get to your question, we will enable you to unmute yourself, so you can ask your question directly.

Don't worry if you don't see the Raise Hand and unmute buttons now. These features will be enabled when we start the Open Mic Q&A Session.

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Accessibility

Fermilab is committed to making an accessible town hall

American Sign Language (ASL) Interpretation

- Live ASL interpreters are available for this meeting.
- [Instructions](#) to view ASL interpretation on Zoom Webinar.
- A screen is available the Ramsey Auditorium where the ASL interpreter will be displayed.
- Special seats are reserved close to this screen.

Live Captioning

- Closed captions from a human interpreter will be displayed on the screen and available on the Zoom Webinar when you turn on closed captions.
- [Instructions](#) to enable captions on Zoom.

More Information: <https://indico.fnal.gov/event/61641/page/3331-accessibility>

Fermilab Statement of Community Standards

- All registrants have read, understood, and agreed to comply with the [Fermilab Statement of Community Standards](#)
- This statement provides the baseline expectations for conduct by all members of the Fermilab community
- We welcome you all here today as part of the Fermilab community
- The responsibility for proactively facilitating a safe and welcoming environment - including voicing concerns - rests with each member of the Fermilab community

Build trust and credibility

Fermilab's success depends on the trust and confidence we develop with one another and with our stakeholders and partners including the U.S. Department of Energy, the American public, and the global scientific community. As we engage in business on behalf of the Laboratory, we each are ambassadors of Fermilab.

Fermilab's reputation is determined by our words and our actions. We gain credibility by fulfilling on our commitments and, when appropriate, acknowledging when we will not and taking responsibility for the consequences.

Communicate openly and honestly

Every member of the Fermilab community is welcome, and each encouraged to communicate their ideas and/or concerns. We seek to promote open communication which emphasizes listening, creativity, growth and development, collaboration, and inclusivity. This culture encourages respectful discussion and debate for mutual benefit.

Respect one another

Members of the Fermilab community shall be able to work in a safe and welcoming environment where everyone is treated with dignity and respect. Peer-to-peer or supervisory relationships that interfere with an individual's research or work performance, limit access to educational experiences and career opportunities, or adversely impact an individual's well-being are unacceptable.

How to Report Concerns

- All members of the Fermilab community are responsible for reporting
- You are encouraged to raise concerns about any violation of this Statement of Community Standards
- Confidentiality will be maintained, and reporting should proceed without fear of harassment or retribution
 - Please use the third-party hotline/website to report (either self-identify or remain anonymous):
 - <https://app.integritycounts.ca/org/fermilab>
 - Phone Hotline: 866-921-6714 (USA), 00-800-2002-0033 (Switzerland)
- Fermilab leadership is committed to addressing all incidents promptly and thoroughly. Violations can result in disciplinary action up to and/or including termination of employment, contract, and/or site-access privileges.

Your Safety and Security Are Our Top Priority!



For emergencies call
630-840-3131

- Always listen to the instructions on loud speakers as they will guide you on what to do in case of an emergency
 - If tornado sirens/alarms go off – proceed to basement to shelter (signs are posted on the nearest basement stairwell) do not leave the shelter until instructed to do so by emergency response personnel
 - If fire alarm sounds or strobes, evacuate and move away from the building – do not leave or reenter until Fermi Fire Department clears the area
- Always hold the handrail when climbing or descending stairs
- Please follow all traffic rules on site and keep an eye out for pedestrians
- Please stay within the following areas of Wilson Hall (WH): Ramsey Auditorium, 1st floor, ground floor, and 2nd floor gallery area – other areas in WH are not open to the public
- Welcome and enjoy your visit!

Thank you!

A special *thank you* to our fantastic team who made this event possible!

Admins Kayla Decker, Traci Langford, Jackie Sanchez, Latoya Woods,
Laura Rogas, Cheryl Stetter, Alexandra Sitko, Emily Bialas

Creative Services Lynn Johnson, Farha Bhimji, Ryan Postel, Samantha Koch

Print Services Cindy Arnold

ASL Interpreters Paula Blumberg, Ginna Lewis

Tech Support Aaron Zinsmeister

Site Access Melissa Ormond, Gricelda Lopez, Joe Rogers, Donna Iraci, Jess
Christiansen, Yesi Rubio

Roads and Grounds Brian Carew, Bruce Bieritz

Transportation Jarel T Brown, Hubert L Kimmons-Mosby, Kenneth Cahill