

Communicating with the US HEP Community: An integral part of the Snowmass/P5 Process

presentation to HEPAP

R. Sekhar Chivukula, UC San Diego

for the Division of Particles and Fields Executive Committee

Dec. 8, 2023

Snowmass: a continuing tradition

The Future of Particle Physics
Snowmass 2001 • June 30 - July 21
Snowmass Village, Colorado

APS

Organized by the Division of Particles and Fields of the American Physical Society & Division of Physics of Beams of the American Physical Society

Chris Quigg (FNAL) *Co-chair*
Sally Dawson (BNL)
Paul Grannis (Stony Brook)
David Gross (UTP/UCSB)
Joseph Lykken (FNAL)
Hitoshi Murayama (UC Berkeley)
René Ong (DCLL)
Natalie Roe (LBNL)
Heidi Schellman (Northwestern)
Maria Spiropulu (Chicago)

Ronald Davidson
Alex Chao (SLAC)
Alex Dragt (Maryland)
Gerry Dugan (Cornell)
Norbert Hobknapp
Chun-Jen Lee (UC Berkeley)
Thomas Rorer (BNL)
Ronald Ruth (SLAC)
John Seeman (SLAC)
James Strait (FNAL)

For further information, contact:
E.O. Box 600, M...

**American Linear Collider
Physics Group**

SNOWMASS CSS 2013
ON THE MISSISSIPPI
JULY 29 - AUGUST 6, 2013

ORGANIZED BY THE DIVISION OF PARTICLES AND FIELDS OF THE APS
HOSTED BY THE UNIVERSITY OF MINNESOTA

STAFF
Event Manager: [Name]
Registration: [Name]
Transportation: [Name]
Food & Beverage: [Name]
Accommodation: [Name]
Security: [Name]
Medical: [Name]
First Aid: [Name]
Lost & Found: [Name]
Signage: [Name]
Printing: [Name]
Photography: [Name]
Video: [Name]
Website: [Name]
Social Media: [Name]
Publicity: [Name]
Sponsorship: [Name]
Merchandise: [Name]
Transportation: [Name]
Accommodation: [Name]
Security: [Name]
Medical: [Name]
First Aid: [Name]
Lost & Found: [Name]
Signage: [Name]
Printing: [Name]
Photography: [Name]
Video: [Name]
Website: [Name]
Social Media: [Name]
Publicity: [Name]
Sponsorship: [Name]
Merchandise: [Name]

LOCAL ORGANIZING COMMITTEE
[List of names and affiliations]

OFFICE EXECUTIVE COMMITTEE
[List of names and affiliations]

www.snowmass2013.org

Dec. 8, 2023

**Community Summer Study
SNOWMASS**
2022 July 17 - 26 Seattle

The Snowmass studies lead by the Division of Particles and Fields (DPF) define the most important questions for the field of particle physics, and identify promising opportunities to address them in the coming decade. The community Summer Study (CSS) will lead to the final report from the ten frontiers. Join us in Seattle for the Snowmass Community Summer Study, exploring the biggest questions facing particle physics for the next decade.

Program Committee

Steering group:
DPF chair line: Joel Baker (Co-chair, FNAL), Tso Han (Pittsburgh), Sekhar Chivukula (UCSD), Young-Kee Kim (Chicago), Prisca Cushman (Minnesota)

Divisional representatives: Glennys Farrar (DAP, NYU), Yuri Kolomoienko (DNP, UC Berkeley), Sergei Nagaitsev (DPL, FNAL), Nicolas Yunes (DGRAV, UIUC)

Frontier representations:
Ketevi Assakou (Community Engagement, BNL), Phil Barbeau (Instrumentation, Duke), Nathaniel Craig (Theory, UCSB), Ben Nachman (Computing, LBNL), Meemakshi Narain (Energy, Brown), John Orrell (Underground Facilities, PNNL), Alexey Petrov (Rare processes/Precision, Wayne State), Vladimir Shilbirev (Accelerator, FNAL), Tim Tait (Cosmic, UC Irvine), Elizabeth Worcester (Neutrino Frontier, BNL)

Early Career: Govinda Agarwal (Buffalo), Jacob Zentmeyer (FNAL)

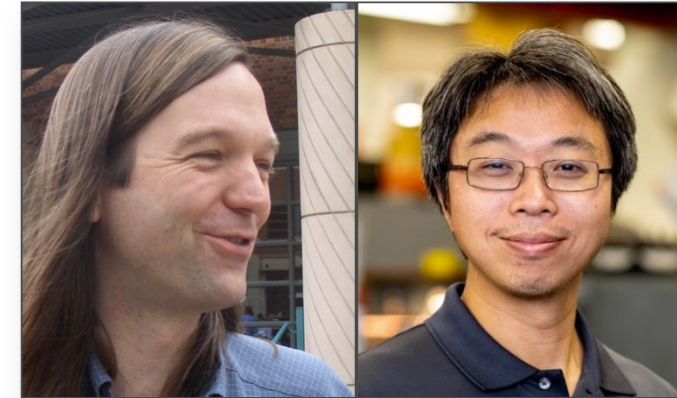
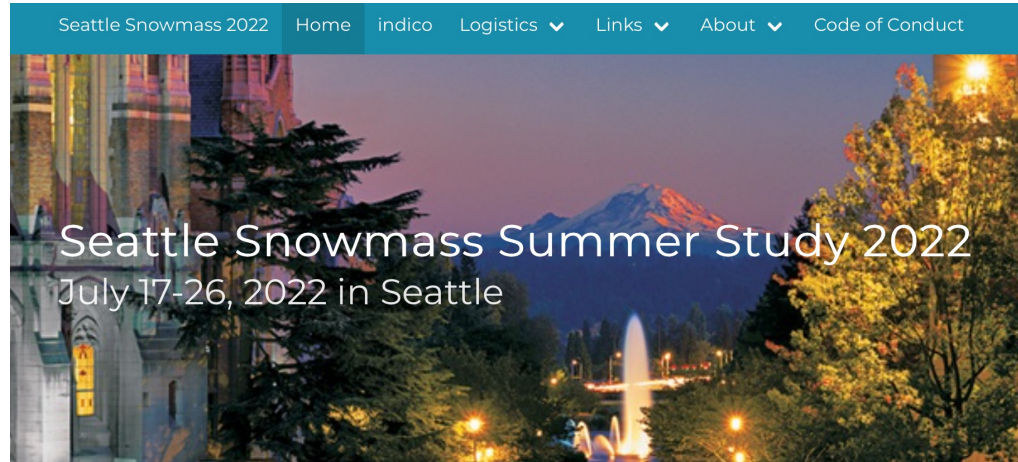
Local Organization Committee
Gordon Watts (Co-chair, UW), Shih-Chieh Hsu (Co-chair, UW), Quentin Buar (UW), Alejandro Garcia (UW), Aana Goussiou (UW), Laura Jeanty (UW), Joey Key (UW), Henry Lubatti (UW), Elise Novitski (UW), Gray Rybka (UW), Jan Stube (PNNL), Lauren Tompkins (Stanford), Tze-tien Yu (UO)

www.snowmass2022.org

Community Summer Study (CSS): Snowmass 2021

July 17 – 26, 2022 @ UW – Seattle

<http://seattlesnowmass2021.net>



Gordon Watts

email

Co-Chair of Local Organizing Committee, Co-Chair of Program Committee

Shih-Chieh Hsu

email

Co-Chair of Local Organizing Committee, Co-Chair of Program Committee

Participants

Number of in-person participants: 743

Number of virtual participants: 654

Local Organizing Committee/Volunteer/Press: 58

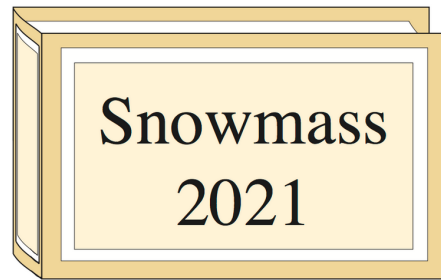
Total number of participants: 1397

Dec. 8, 2023

Covid Cases: ~35

Snowmass Proceedings

- <https://www.slac.stanford.edu/econf/C210711/>



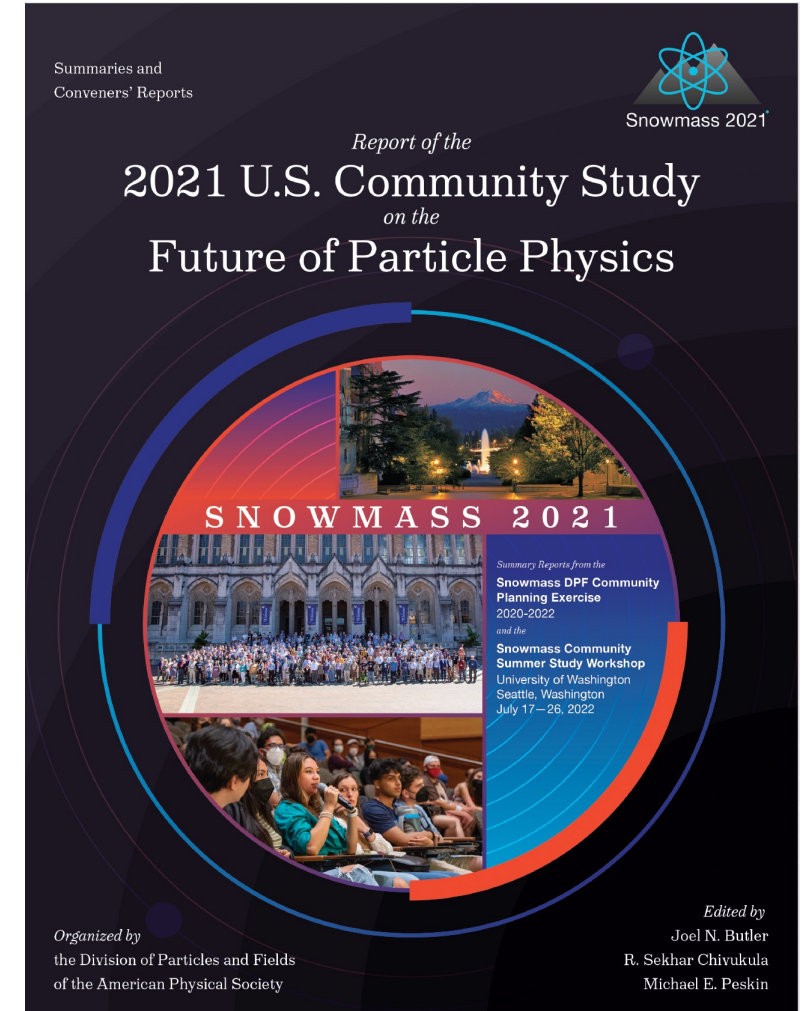
Proceedings of the 2021 US Community Study on the Future of Particle Physics

(Snowmass 2021)

organized by the APS Division of Particles and Fields

**These proceedings are dedicated to the memory of [Meenakshi Narain](#) (1964-2023),
in honor of her many contributions to Snowmass 2021.**

The US Community Study on the Future of Particle Physics (Snowmass 2021) was a grassroots study to plan for US particle physics in the decade 2025-2035 with an eye towards the following decade. Snowmass 2021 was organized by the APS Division of Particles and Fields, with input and collaboration from the Divisions of the Physics of Beams, Astrophysics, Nuclear Physics, and Gravitational Physics. It began with a kick-off meeting at the 2020 APS April Meeting and a Community-wide Planning Meeting in October of 2020. Because of the COVID pandemic, the study was paused between January and September 2021. The study finally concluded at the Community Summer Study meeting at the University of Washington, July 17-26, 2022.



Communication during the P5 Process

- DPF worked closely with P5 leadership to broadly advertise panel activities, especially the town halls held at LBNL, FNAL/ANL, BNL, SLAC, and virtually.
- Announcements were distributed via
 - APS/DPF e-mail announcements
 - DPF Newsletter
 - Snowmass LISTSERV and Slack Channel
 - (Reach well beyond APS/DPF membership ...)

Feb 8, 2023



Dear DPF Colleagues,

1. DPF is seeking nominations of individuals to serve on award committees for two-year terms (2023 & 2024). Service on an award committee is a way to become involved in the US HEP community, and we encourage you to nominate yourself or qualified colleagues before **March 1, 2023**. [Submit a nomination today!](#)

2. From P5 Chair Hitoshi Murayama:

“The indico site for the P5 (Particle Physics Project Prioritization Panel) town hall at LBNL is finally public. I encourage people to attend, either in-person or remote. I also encourage people to sign up to give a short speech, in particular early career scientists. If people do come in-person, they have to do registration twice, once for indico, and the second one for the lab site access. I hope it is clear.” Visit the [indico website](#) for more information.

We will include future P5-related information in our monthly DPF newsletters.

3. With the conclusion of Snowmass, we will be repurposing the Snowmass LISTSERV to send information about the continuing P5 process. To join the Snowmass LISTSERV (if you are not already a member) and receive future P5-related messages,
- Send an email message to listserv@fnal.gov,
 - Leave the subject line blank,
 - Type “SUBSCRIBE SNOWMASS FIRSTNAME LASTNAME” (without the quotation marks) in the body of your message.
4. The [Snowmass 2021 proceedings web site](#) is now live.

We thank all members of the HEP community for their participation and input!

Dec. 8, 2023

R. Sekhar Chivukula
2023 DPF Chair

Informal “P5 Rollout” Committee

- DPF convened a group of stakeholders this fall to coordinate the rollout of the P5 report to the HEP community, and to work to build support for it.
- Members:
 - DPF Chair Line: RSC, Joel Butler, André De Gouvêa, Heidi Schellman, Sarah Eno
 - DPF Early Career Representative: Kelly Stifter
 - USLUA Chair: Harvey Newman
 - Fermilab UEC Chair: Jane Nachtman
 - SLAC Users Org Chair: Caterina Vernieri
- In coordination with
 - P5 Leadership: Hitoshi Murayama & Karsten Heeger
 - HEPAP: Sally Seidel
 - FNAL Town Hall LOC: Sergo Jindariani & Marco Del Tutto

“Dear Colleague Letter” – Nov. 8, 2023

- Provided background.
- Advertised town Dec. 11 town hall, first announced in October.
- Advised field of plan to solicit endorsements for an upcoming letter of support ...
- Signed by rollout committee members.



Dear Colleagues,

The 2023 Particle Physics Project Prioritization Panel (P5) report will be released at the upcoming High-Energy Physics Advisory Panel (HEPAP) [meeting on December 7-8, 2023](#). This major update of the 2014 P5 report will be based on input provided by the 2021 Snowmass Community Planning Process, additional input collected by P5, and the recently released report from the International Benchmarking HEPAP subpanel. The report will provide a strategic plan for U.S. high-energy physics over the next 10 years within the context of high-energy physics worldwide over the next 20 years.

Community support and advocacy for this new P5 plan will be crucial if it is to successfully foster robust investment in high-energy physics in the U.S. in the coming decade. With this in mind, we are writing to share some background information. As soon as the P5 report is available we hope you will read it carefully and consider the issues discussed from the perspective of achieving a balanced program based on scientific priorities and consistent with the budgetary constraints specified. Specifically, we call your attention to these items:

- The previous [2014 P5 report](#), “Building for Discovery,” presented a strategic plan for U.S. high-energy physics by identifying five “science drivers” spanning the field and suggested a program to make progress on the identified questions through a comprehensive program including continued U.S. participation in LHC, HL-LHC, LBNF/DUNE, PIP-II, and a suite of dark matter, rare process and precision measurements, and astroparticle physics experiments. The 2014 P5 subpanel recommendations received the [endorsement](#) of over two thousand members of our community. The report, its demonstrated community support, and the [continuing yearly process](#) of advocacy for high energy physics reinforcing the program envisioned by the P5 subpanel have been remarkably successful. The total DOE HEP

Coordination with APS Media Office


- Media advisory about HEPAP meeting.
- Embargoed press release drafted with help of Murayama and Heeger.
 - Press Release – distributed to media, shared with Labs and Universities
 - APS News regular article
- Next steps ... APS News “back page” opinion piece

The screenshot shows the APS website's 'Press Releases' page. At the top left is the APS logo with the tagline 'Advancing Physics'. To the right are links for 'American Physical Society Sites', 'APS', 'Journals', and 'Physics Magazine', along with a search bar and links for 'Login', 'Become a Member', and 'Contact Us'. A dark blue navigation bar contains links for 'Publications', 'Meetings & Events', 'Programs', 'Membership', 'Policy & Advocacy', 'Careers In Physics', 'Newsroom', and 'About APS'. Below this is a breadcrumb trail: 'Home > Newsroom > Press Releases'. The main heading is 'Press Releases'. Under the year '2023', there is a list of seven press release titles, each with a blue hyperlink: 'Press Program Now Available for One of the World's Largest Meetings in Fluid Dynamics', 'Last Chance to Get Hotel Discounts for One of the World's Largest Meetings in Fluid Dynamics', 'Nobel Prize in Physics Awarded for Techniques to Produce Ultrashort Pulses of Light', 'The American Physical Society Names Dylan Moulton as Global Sales Director of Scientific Publications', 'APS Historic Sites Initiative Recognizes Green Bank Observatory, Site of Some of the Major Discoveries in Astrophysics, Astronomy', 'Press Registration Now Open for One of the World's Largest Meetings in Fluid Dynamics', and 'APS Historic Sites Initiative Recognizes the Chicago Pile "Site A" and Stagg Field at University of Chicago as Sites that Housed the World's First Nuclear Chain Reaction'. On the right side of the page, there is a light beige box with the text: 'APS issues press releases on research news, Society activities, and other physics tips. To sign up to receive these releases, please contact media@aps.org with your full name and media affiliation. Registered journalists will receive other tips and advisories that are not posted publicly in the archive.' Below this text is the heading 'APS Media Contacts' and the text 'General Media Inquiries media@aps.org'.

FNAL P5 Town Hall, Dec. 11 2023

- Hybrid
- Agenda
 - P5 presentation (Murayama & Heeger)
 - Q&A to address questions submitted by Google doc in advance.
 - DOE and NSF comments
 - “Open Mic” session
 - Reception
- Over 1,000 registrants!
 - URA support for ~20 Early Career participants
- US LUA meeting immediately follows (Dec. 12-15) and will include P5 discussions on Tuesday and Wednesday.

Dec. 8, 2023



P5 Town Hall at Fermilab December 11, 2023

December 11, 2023
Fermilab
America/Los_Angeles timezone

Enter your search term

- Overview
- Registration
- Participant List
- Timetable
- Travel Support
- Site Access
- Accessibility
- Fermilab Community Standard Agreement
 - How to report concerns
- APS Code of Conduct
- Fermi National Accelerator Laboratory
- P5 Main Page
- Logistics
 - Travel Information
 - Day Care
 - Internet/wifi
 - Accommodations

P5 Local Organizer Committee
✉ p5_townhall_loc@fnal.gov




P5 (Particle Physics Project Prioritization Panel) makes recommendations on the next 10 years of the US particle physics program within the 20 year context to HEPAP, which advises DOE and NSF. It builds on the extensive community involvement in the Snowmass study.

This hybrid town hall meeting hosted jointly by DPF and Fermilab to discuss the P5 report will be held on Monday, December 11, 2023 1:00-6:00 pm Central time in Wilson Hall at Fermilab. The program will feature a presentation by P5 Chair, Hitoshi Murayama, followed by a Q&A session with the panel members, and a community reception. We also expect to hear short remarks from representatives of the funding agencies.

We encourage all members of the community to participate in this town hall, either in person or virtually. There is no fee, but registration is required and we ask you to register as soon as possible. More details about the process are available under “Registration” and “Site Access” tabs.


Please submit questions about the P5 report that you would like discussed at the Town Hall via [this Google doc](#), which will open on Dec. 8. We recommend submitting questions before the Town Hall itself. However, the document will stay open and be monitored during the event as well.


While currently we don't know the details of the upcoming report, we trust that our P5 colleagues will provide a roadmap for a strong U.S. high-energy physics program for the coming decade that balances the different scientific priorities within budgetary constraints, and will provide a basis for a healthy program for U.S. leadership and global partnership for the next 10 years and beyond. We will be in touch by mid-December with a statement of support for the P5 report which we will ask you to consider signing.


  


Starts Dec 11, 2023, 11:00 AM
Ends Dec 11, 2023, 4:00 PM
America/Los_Angeles

Fermilab
Ramsey Auditorium (Wilson Hall)
Fermi National Accelerator Laboratory
Kirk Road & Pine Street
Batavia, IL 60510

 **Marco Del Tutto**
Sergo Jindariani

 For any questions, please email p5_townhall_loc@fnal.gov.

 **Registration**
Registration for this event is currently open.

 1062 **Register now** >

Next Steps...

- Endorsement Letter being drafted by rollout committee now.
 - Release by Dec. 15 (Google Form)
 - Collect signatures until Jan. 31
- Social Media
 - Hashtag to be provided ...
- Virtual Town Hall in mid-January
- Coordinate with HEP “Hill Visit” in early 2024.
- ... we need your advice and help!