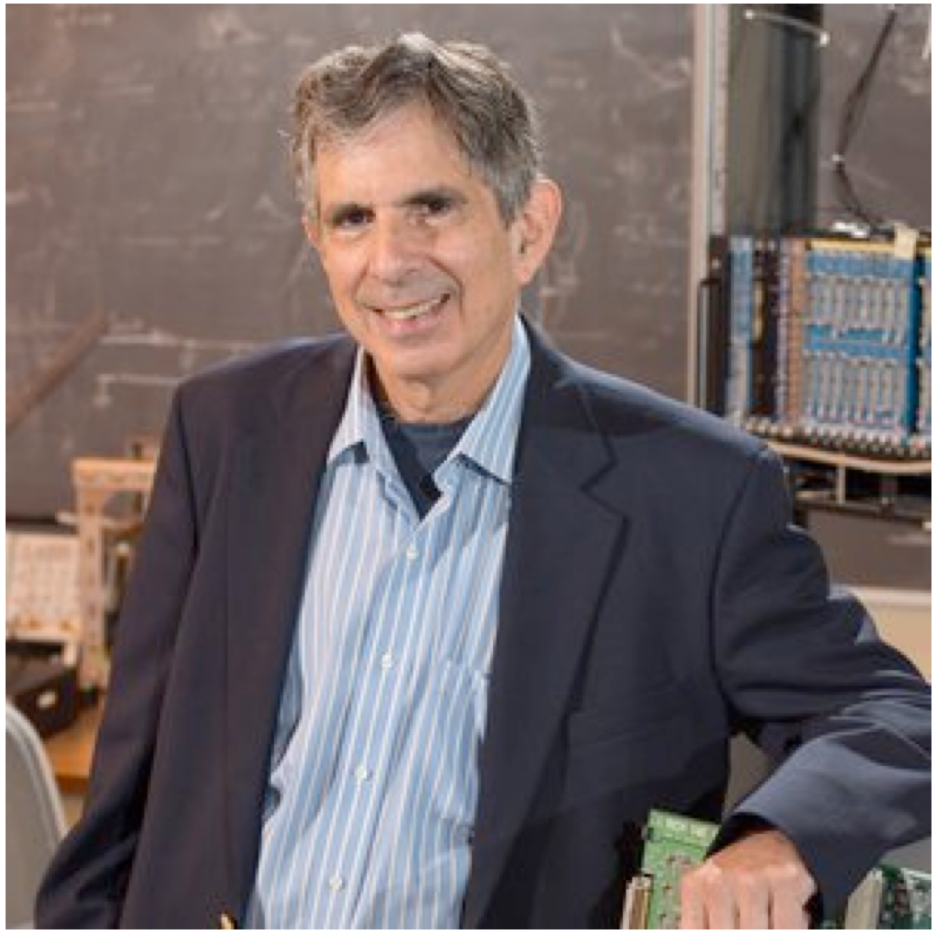
# Meeting of All Frontier Conveners & Advisors

## October 11, 2021
## Monday @ 2:00 pm US Eastern Time
## reoccurring every 4 weeks

Meeting slides are uploaded at the Snowmass indico:
https://indico.fnal.gov/category/1271/

# Distinguished Professor Sheldon Stone, R.I.P.



# Announcement 1

## Computational Frontier Convener change:

**Oliver Gutsche** has requested to step down as a frontier co-convener because of his increasing responsibilities and workload at Fermilab.

**Daniel Elvira** of Fermilab will be Oliver's successor as a new co-convener.

We would like to thank **Oliver** for his contributions and leadership over the years!

And thank **Daniel** to agree to serve.
Look forward to working with you!

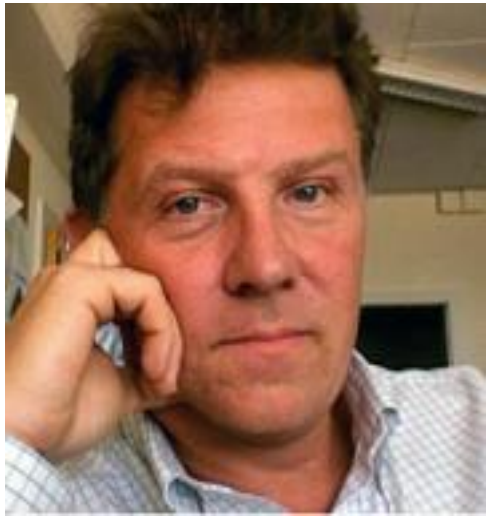
# Announcement 2

A new international advisor: **Michelangelo Mangano**

## Snowmass Advisory Group

### Representatives from the International Community

- Claudio Dib, Universidad Tecnica Federico Santa Maria, Chile
- Val Gibson, Cavendish Laboratory, UK
- Berrie Giebels, CNRS, France
- Atsuko Ichikawa, Kyoto University, Japan
- Heather Logan, Carleton University, Canada
- Xinchou Lou, IHEP, China
- Michelangelo Mangano, CERN
- Azwinndini Muronga, Nelson Mandela University, South Africa



**Welcome, Michelangelo!**

# Announcement 3 Snowmass communications

## Core Principles and Community Guidelines https://snowmass21.org/cpcg/start

The DPF Core Principles and Community Guidelines (CPCG) govern conduct at all DPF sponsored activities, including all aspects of the Snowmass Process (e.g., remote and in-person meetings, Slack workspaces, and email communications). The current version can be found here. The CPCG is a living document that will be constantly improved upon as circumstances dictate. Therefore, input from the community is welcome any time, either via comments in the doc, email to the DPF Ethics Advisory Committee (see below) or through this form. Comments may be signed or anonymous. We ask that the comments to the CPCG follow the spirit of the CPCG and that the commentators keep in mind that our goal here is to improve on the CPCG .

## Special note Just added to: https://snowmass21.org/communicationtypes

With such a large community involvement, and limited resources and personnel devoted to the management of our communication tools, we may be restricted in our ability to respond to requests for technical help or to provide detailed instructions beyond standard protocols. We urge our participants to be considerate and collaborative with our conveners, and to follow our general guidelines and policies.

# Snowmass Newsletters to be resumed from October

Please make inputs for the Oct. Newsletter for your frontier.
It will be sent out in a day or two.

https://docs.google.com/document/d/1xSb1-pZ0YdW0Ks4-tHCWq_FSxDxd0UNt6cxaJ2ER8jo/edit

# Snowmass funding proposals to DOE/NSF being prepared

Close contact with the agency “contact persons”
The next CSS PC meeting on Oct. 27
Plan for the proposal submissions in November

# Contributed (white) paper submission

## Index to Submitted Papers, by Frontier

- Energy Frontier (EF) (11)
- Neutrino Physics Frontier (NF) (3)
- Rare Processes and Precision Measurements (RF) (3)
- Cosmic Frontier (CF) (4)
- Theory Frontier (TF) (8) Aniticipated submissions
- Accelerator Science and Technology Frontier (AF) (1)
- Instrumentation Frontier (IF) (4)
- Computational Frontier (CompF) (5)
- Underground Facilities and Infrastructure (UF) (0)
- Community Engagement Frontier (CEF) (0)

## Instructions for submitting to the Snowmass Proceedings

To submit a paper to the proceedings:

1. Post it on the arXiv in the appropriate subject class. Write in the Comments box o
   arXiv submission: "contribution to Snowmass 2022".
2. Fill out the form at:

Submission form

# Snowmass Book discussions

- General format and template files --- Editor Michael Peskin

# Preliminary Snowmass Report Structure

Executive Summary

(~50 pages)

Introduction

A few pages from each Frontier

Frontier Report

Frontier Summary (20~50 pages)

Topical Group Reports (20~50 pages per TG)

Contributed Papers as References

Sample from Snowmass 2013:

**Intensity Frontier**

Chapter 2: Intensity Frontier
Conveners: J.L. Hewett and H. Weerts

Working Group Summary (arXiv:1401.6077)

Subgroup Reports:

| | | |
|---|---|---|
| 12. | Neutrinos | 1310.4340 |
| 13. | Baryon Number Violation | 1311.5285 |
| 14. | Charged Leptons | 1311.5278 |
| 15. | Quark Flavor Physics | 1311.1076 |
| 16. | Nucleons, Nuclei, and Atoms | 1312.5416 |
| 17. | New Light Weakly Coupled Particles | 1311.0029 |

Contributed Papers:

*General:*

| | | | |
|---|---|---|---|
| 001 | K. Lesko | Why the US Needs a Deep Domestic Research Facility: Owning rather than Renting the Education Benefits, Technology Advances, and Scientific Leadership of Underground Physics | 1304.0402 (PDF) |
| 019 | S. Holmes, *et al.* | Project X: A Flexible High Power Proton Facility | 1305.3809 (PDF) |
| 021 | S. Glashow | Particle Physics in the United States: A Personal View | 1305.5482 (PDF) |
| 024 | V.Shiltsev, *et al.* | Issues and R&D Required for the Intensity Frontier Accelerators | 1305.6917 (PDF) |
| 055 | A. Kronfeld, *et al.* | Project X: Physics Opportunities | 1306.5009 (PDF) |

# Snowmass Timelines