

Towards U.S. Strategy Update for Particle Physics “Snowmass” Study (2020 – 2021)

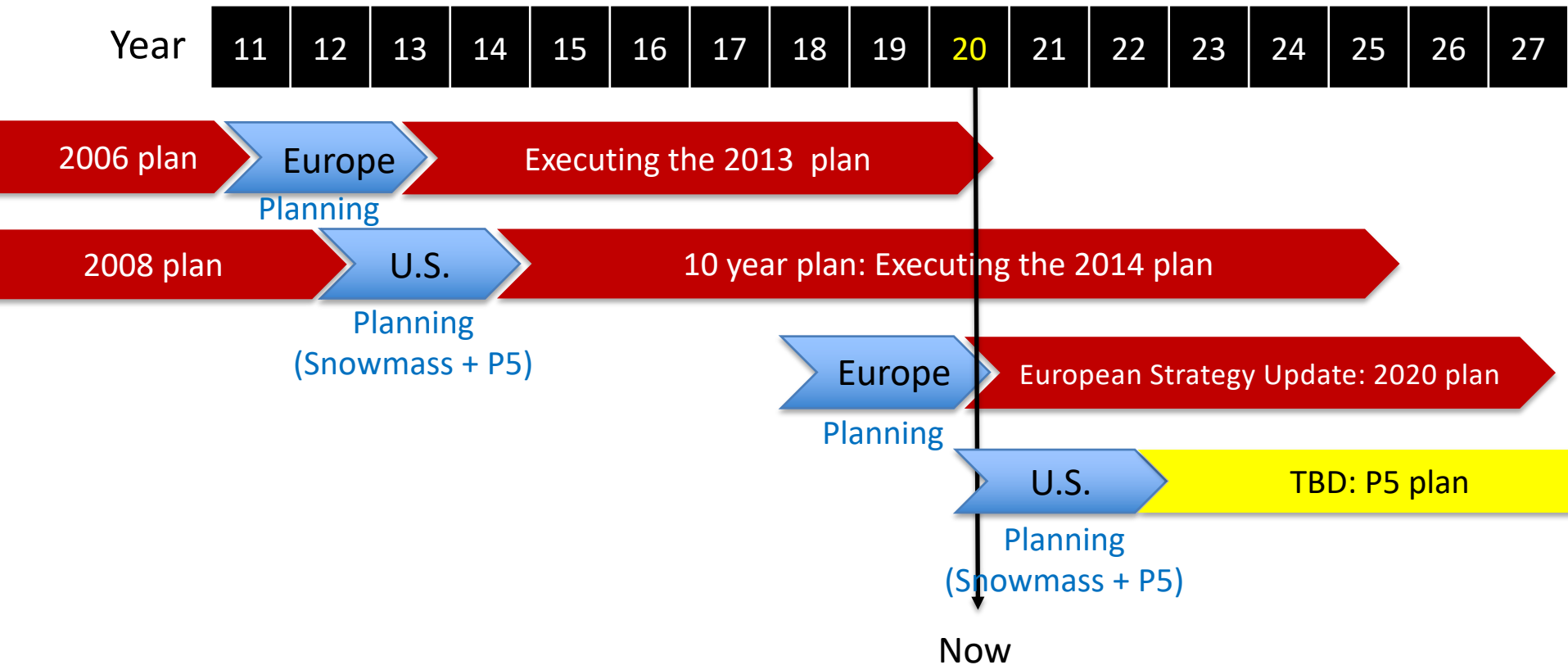
ECFA Meeting
July 13, 2020

Young-Kee Kim
University of Chicago
Chair, Division of Particles and Fields, American Physical Society

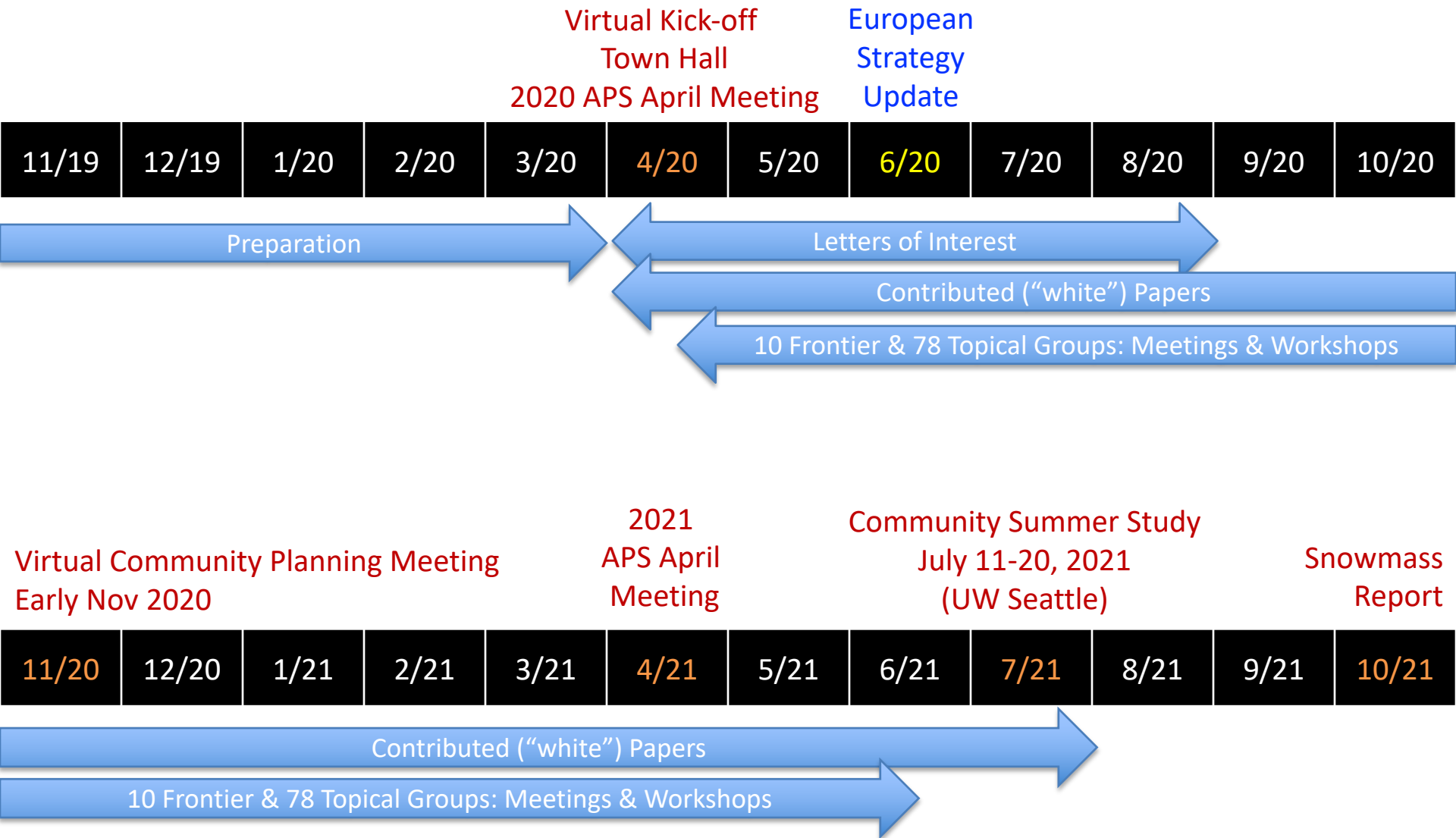
Particle Physics is Global

- Europe, U.S., Asia, Canada, Latin America, ...
- U.S. Process

- ~2.5 years: $\underbrace{\sim 1.5 \text{ year on science by the community}}_{\text{Snowmass}} + \underbrace{\sim 1 \text{ year on priorities}}_{\text{P5 (Particle Phys. Project Prioritization Panel)}}$



Snowmass Timeline



Snowmass Advisory Group

- DPF Executive Committee

- Chair: Young-Kee Kim
- Chair-Elect: Tao Han
- Vice Chair: Joel Butler
- Past Chair: Prisca Cushman

Steering Group

- Secretary/Treasurer: Mirjam Cvetič
- Councilor: Elizabeth Simmons
- Member-at-Large: Rick Van Kooten
- Member-at-Large: Elizabeth Worcester
- Member-at-Large: Natalia Toro
- Member-at-Large: Andre de Gouvea
- Member-at-Large: Mary Bishai
- Member-at-Large: Lauren Tompkins
- Early Career Member-at-Large: Sara Simon

- Editor and Communication

- Editor – Michael Peskin
- Communication – Bob Bernstein

- Representatives from Related Fields

- Accelerator Division: Sergei Nagaitsev
- Nuclear Physics Division: Yury Kolomensky
- Astro Physics Division: Glennys Farrar
- Gravitational Physics Division: Gabriela Gonzales

- Representatives from the Int. Community

- Africa / Middle East
 - Azwinndini Muronga, Nelson Mandela Metropolitan Univ, South Africa
- Asia / Pacific
 - Atsuko Ichikawa, Kyoto University, Japan
 - Xinchou Lou, IHEP, China
- Canada
 - Heather Logan, Carleton University, Canada
- Europe / Russia
 - Val Gibson, Cavendish Laboratory, UK (EPS HEPP)
 - Berrie Giebels, CNRS, France (APPEC)
- Latin America
 - Claudio Dib, Universidad Tecnica Federico Santa Maria, Chile

Steering group meets weekly and Advisory group meets once every 4 weeks

All Frontier conveners + Advisory group meet once every 4 weeks

Monitoring the progress to make sure that all is moving forward smoothly to achieve the goals

We appreciate the European Community's strong participation

Information: Snowmass Wiki (<https://snowmass21.org/>)

SnowMass2021

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The Particle Physics Community Planning Exercise (a.k.a. "Snowmass") is organized by the Division of Particles and Fields (DPF) of the American Physical Society. Snowmass is a scientific study. It provides an opportunity for the entire particle physics community to come together to identify and document a scientific vision for the future of particle physics in the U.S. and its international partners. The P5 (Particle Physics Project Prioritization Panel) will take the scientific input from Snowmass and develop a strategic plan for U.S. particle physics that can be executed over a 10 year timescale, in the context of a 20-year global vision for the field.

We aim for everyone's voice to be heard. Your contributions and participation are critical for the success of Snowmass and they will naturally occur as part of one or more working groups directed by the conveners. There will be various Town Hall meetings for us to communicate with you and to receive your feedback. You are also welcome to provide input and suggestions on the Slack channel (<https://snowmass2021.slack.com/>). This Snowmass wiki provides news and announcements and has pages dedicated to each frontier. If you are an early career scientist, we encourage you to join the "Snowmass Young" mailing list (snowmass-young@fnal.gov) by emailing to listserv@listserv.fnal.gov with the body of the message "Subscribe snowmass-young YOUR NAME". Agendas and presentations of all Snowmass-related meetings are available via [this Snowmass Indico link](#).

Sincerely,
Young-Kee Kim (DPF Chair), Tao Han (DPF Chair-Elect), Joel Butler (DPF Vice-Chair), Priscilla Cushman (DPF Past Chair)

[Edit](#)

DPF Community Planning Process

Various workshops will be organized by Frontier Conveners between the 2020 Snowmass Planning Meeting (most likely a virtual meeting on Nov. 4 - 6, 2020) and the 2021 Snowmass Summer Study (July 11 - 20, 2021 at UW Seattle). Workshop locations will be chosen to maximize "inclusiveness" based on accessibility and economic consideration. For all the meetings and workshops, we will make sure that we are inclusive to those who participate remotely and we will have a special session to discuss APS efforts for openness and the importance of open international collaboration.

[Edit](#)

News Highlight

see [Announcements](#) tab on the sidebar for a complete list

News Highlight: Information and Upcoming Events

- European Strategy Update for Particle Physics: Recommendations, Deliberation document
- DPF Statement on Police Violence and Supporting Black Communities
- Monthly Snowmass Newsletter (July 2020)
- Presentations and recording of virtual Town Hall (April 18): <https://indico.fnal.gov/event/23601/>
- Letters of Interest (April 1 - August 31, 2020) - <https://snowmass21.org/loi>
- Contributed Papers (April 1 - July 31, 2021) - <https://snowmass21.org/submissions/>