

CF1. Dark Matter: Particle-like

- Jodi Cooley (SMU), Hugh Lippincott (UCSB), Tracy Slatyer (MIT), Tien-Tien Yu (U.Oregon)
- #cf01-dark matter particle
- · CF2. Dark Matter: Wave-like
 - Joerg Jaeckel (Heidelberg), Gray Rybka (UW), Lindley Winslow (MIT)
 - #cf02-dark_matter_wave
- CF3. Dark Matter: Cosmic Probes
 - Alex Drlica-Wagner (Fermilab), Chanda Prescod-Weinstein (UNH), Haibo Yu (UCR)
 - #cf03-dark matter cosmic
- CF4. Dark Energy and Cosmic Acceleration: The Modern Universe
 - Jim Annis (Fermilab), Jeffrey Newman (Pittsburgh), Anže Slosar (BNL)
 - #cf04-dark energy modern
- CF5: Dark Energy and Cosmic Acceleration: Cosmic Dawn and Before
 - Clarence Chang (ANL), Laura Newburgh (Yale), Deirdre Shoemaker (Georgia Tech)
 - #cf05-dark energy dawn
- CF6. Dark Energy and Cosmic Acceleration: Complementarity of Probes and New Facilities
 - Chihway Chang (Chicago), Brenna Flaugher (Fermilab), David Schlegel (LBNL)
 - #cf06-dark_energy_comp
- CF7. Cosmic Probes of Fundamental Physics
 - Rana Adhikari (Caltech), Luis Anchordoqui (CUNY), Ke Fang (UW-Madison), B.S. Sathyaprakash (Penn State), Kirsten Tollefson (MSU)
 - #cf07-cosmic probes

Cosmic Frontier topical groups and conveners



Blue = new conveners

https://snowmass21.org/cosmic/start

Slack signup instructions at bottom of https://snowmass21.org

Goal of Snowmass: Produce a well-articulated report telling a compelling science story

- Related LOI's have been consolidated into solicited "community white papers"
 - List can be found on CF wiki page along with names of coordinators/captains
 - Multiple slack channels to facilitate communications
- Independent, "contributed white papers" also encouraged.
 - Please make topical conveners aware of your plans.
 - Engage early and provide executive summaries. Conveners will not necessarily have time to study all white papers in detail.
 - Suggested template can be found on CF wiki page
- These white papers will serve as references for the Snowmass report. The key ideas contained within will feed into the topical group and frontier summary reports.



Examples of planned community white papers

(Random selection)

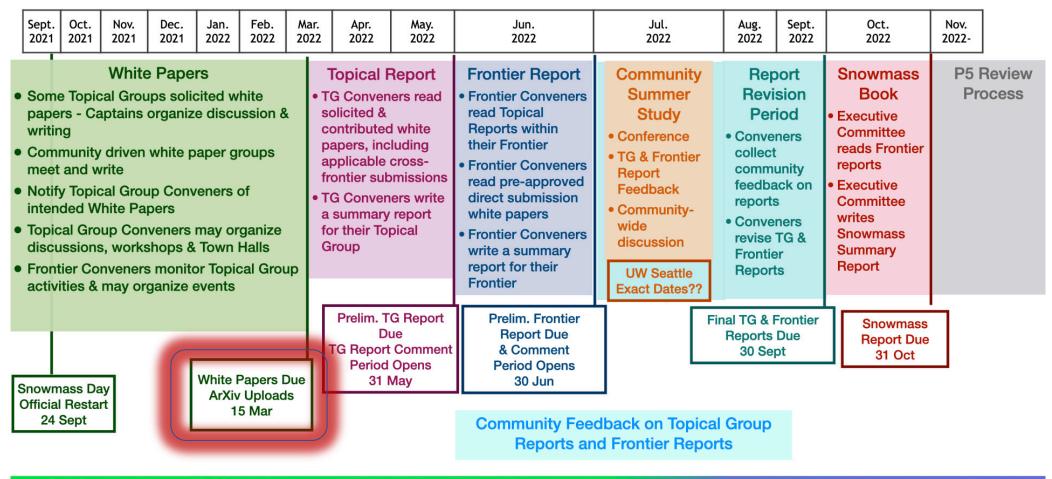
- CF01— The landscape of low-threshold detection in the next decade
- CF02— Quantum Technologies and Novel Materials for Wave-Like Dark Matter
- CF03—Dark matter physics from halo measurements
- CF04,5—(Cosmology with) Large number of linear modes
- CF04,5—Enabling flagship experiments to reach their potential
- CF06— Importance/power of joint analysis for "transient" science
- CF07— Multimessenger facilities and experiments

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- Check the CF wiki to make sure we did not miss anything.
 - Community white paper topics will likely be highlighted in the report.
- Contact the white paper coordinators in order to participate in the study.
- If you have had new ideas, try to figure out where they fit in, and engage!

Post-Break Snowmass Timeline



Snowmass Early Career

DPF Early Career Advisory Group

CF afternoon breakout session (single zoom room)

Each TG: 10 minute status report + 10 minutes comment/feedback.

Will stay on schedule so that people from other groups/frontiers may join discussion.

	CF2. Dark Matter: Wave-like	Gray Rybka et al.
		13:30 - 13:50
	CF3. Dark Matter: Cosmic Probes	Alex Drlica-Wagner et al.
14:00		13:50 - 14:10
	CF4. Dark Energy and Cosmic Acceleration: the Modern Universe	Anze Slosar et al.
		14:10 - 14:30
	CF7. Cosmic Probes of Fundamental Physics	Sathya Bangalore
		14:30 - 14:50
	CF1. Dark Matter: Particle-like	Hugh Lippincott et al.
15:00		14:50 - 15:10
	CF5. Dark Energy and Cosmic Acceleration: Cosmic Dawn and Before	Clarence Chang et al.
		15:10 - 15:30
	CF6. Dark Energy and Cosmic Acceleration: Complementarity of Probes and New Facilities	David Schlegel
		15:30 - 15:50
	Cosmic - Computing frontier discussion	Steven Gottlieb
16:00		15:50 - 16:10