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Detectors For Science Working Group

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2019 Kick-off Meeting

12 March 2019

Overview information

- [Link to detailed working group charge](#)
 - Charge and timeline in [google presentation form](#)
- Agendas and summaries for past retreats:
 - [2018](#) / [July PAC summary](#), [Jan PAC summary](#)
 - [2017](#) /
- European Strategy [home page](#) (includes links to submitted material)
 - Meeting in May
- 2020 Decadal Survey [home page](#) (astro physics)

- Full talks by Dmitri Denisov (Snowmass and P5) and Bob Tschirhart (Project Landscape) from Dec 2018 SAC meeting: [agenda](#)

- April APS meeting: first planning of US-wide community planning structure
- July DPF meeting: already contributions from Fermilab(?)
- Snowmass ~2020, P5 ~2022

Detailed Timeline

- Working Groups present prioritized lists to SAC and other working groups on Monday, May 6
- SAC administers pre-retreat poll week of May 13
- All-Scientist retreat June 14 (with presentation of poll results)
- July/August post-retreat check-in at SAC meeting with working group leaders
- August - retreat summary report
- September - update from working group leaders on post-retreat activities

Organization for the retreats

	Group	Conveners (confirmed)	Listserv
Frontier Physics	Cosmic science	Benson, B., A. Drlica-Wagner, G. Krnjaic, A. Stebbins	fcpa_general
	Energy frontier science	A. Canepa, S. Jindariani, P. Bhat, P. Fox, S. Nagaitsev	strategicplanning-energyfrontier
	Neutrino science	Z. Pavlovic, J. Zennaro, P. Shanahan, M. Betancourt	SAC_NEUTRINOS
	Precision science	C. Polly, Ron Ray	PRECISION-SCIENCE
	Quantum Science	P. Spentzouris, R. Harnik	QUANTUM_SCIENCE_GROUP
Technology	Accelerator science	J. Jarvis, N. Solyak, A. Valishev, S. Posen, T. Spina	ACCELERATOR-SCIENCE
	Computational science	A. Lyon, C. Jones	
	Detectors for science	J. Estrada, A. Fava, P. Merkel, V. Rusu	STRATEGIC-PLANNING-DETECTORS

Summary of Charge

2019 All Scientist Retreat will continue to focus on the post 2026 landscape. From previous two retreats have been focused on considering all options for 2026 landscape, in this retreat we aim to focus the discussion (prioritization).

Part I: Prioritization of effort (by May 1st 2019)

- Using work from previous retreats' working groups which has identified options. Working groups will be prioritized that list in broad categories high/medium/low.

Part II Charge for All Working Groups: Resource Identification (May 1st)

- From Part I groups should have a reduced list of items to consider and now technology and frontier groups can start working together to discuss what is needed for these options.

Part III Charge for All Working Groups: Fermilab input to the Community (Retreat June 14th 2019)

- Developing the work from Part II into an ongoing effort which will enable Fermilab to be a strong contributor to the upcoming community effort.