

# Energy Frontier CSS Planning

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# Colloquia Suggestions from EF

- **First set. Time: 2.5 hours, each talk 45' with 30' Q&A**
  - Physics case for Higgs Factories - When and Why
  - Physics case for EF Discovery Machines - When and Why
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- **Second Set. Time: 2.5 hours, 5 talks, 30' including Q&A**
- **Would prefer to have 3 hours, if possible**
  - Overview of Higgs Precision measurements, and Higgs as a portal for New Physics at future colliders.
  - EWK Physics and message from global fits at future colliders.
  - Overview of Strong interactions at future colliders.
  - Highlights of BSM searches at future colliders.
  - Highlights of Dark Matter searches at future colliders.

# Block Timetable

- Changed from “official version”
- Tried to move 3 XF [see colored cells] with EF to mornings, removing some EF only parallels. Moved EF plenary to day 7 and 8, and added panels for EF Day 8 plenary.

		Day 2 7/18/22	Day 3 7/19/22	Day 4 7/20/22	Day 5 7/21/22	Day 6 7/22/22	Day 7 7/23/22	Day 8 7/24/22
		EF Parallels	EF Parallels	EF Parallels	EF Parallels	EF Parallels	EF Plenary	EF Plenary
<b>8am-noon</b>	<b>Duration</b>							
8:00	4 hours	XF w/CEF	XF w/Theory	XF DM Complementarity	XF w/ detectors/MDI	BSM - 4		
8:00	4 hours	Higgs - 1	XF-AF-ITF discussions	TOP - 1	BSM - 3	TOP - 2		
8:00	4 hours	BSM - 1		EWK/Global Fit - 1	Higgs - 2	Strong Interactions - 2		
8:00	4 hours	Strong Interactions - 1		BSM (non DM) - 2	EWK/Global Fit - 2			
8:00	2 hours			XF-AF-discussions	XF EF-CompF	XF Flavor anomalies and exotics at colliders		
8:00	2 hours					XF Accelerator R&D Overseas		
8:00	2 hours					XF w/NF-EF	4 summaries (30' each)	3 summaries (30' each)+discussion 30'
10:00	2 hours				XF timing/ tracking detectors		Panel 1	Panel 2
<b>noon-1:30</b>								
<b>1:30-5:30pm</b>								
1:30	2 hrs							
3:30	2 hrs	Collquia 2nd priority	XF E e+e- Forum	XF Muon Forum			Collquia 1st priority	

7 = Higgs, EWK, Strong/int, Top, BSM 1, BSM 2, DM

# A suggestion for improving in-person attendance

- Offer groups of 10 people - lunch or meet/greet with VIPs
- These discussions could be topic driven
- Create these opportunities for both Senior and Junior members.
  - Priority for those who attend a larger fraction of the event?
  - Assign by random drawing?
- Possibly grouped by:
  - Funding agencies
  - Lab Directors
  - APS & DPF Chairline
  - Other Dignitaries
  - Snowmass Conveners
  - Add other suggestions...