# Snowmass Program Committee
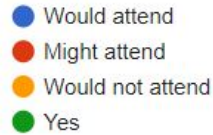
2022-03-02

# Introduction

# Attendance Survey



- Would attend
- Might attend
- Would not attend
- Yes

Pie chart: 52.4% (blue), 33% (red), 14.4% (orange)
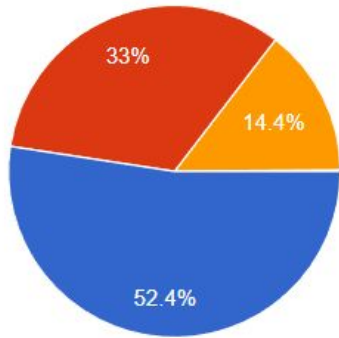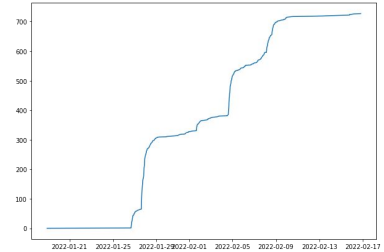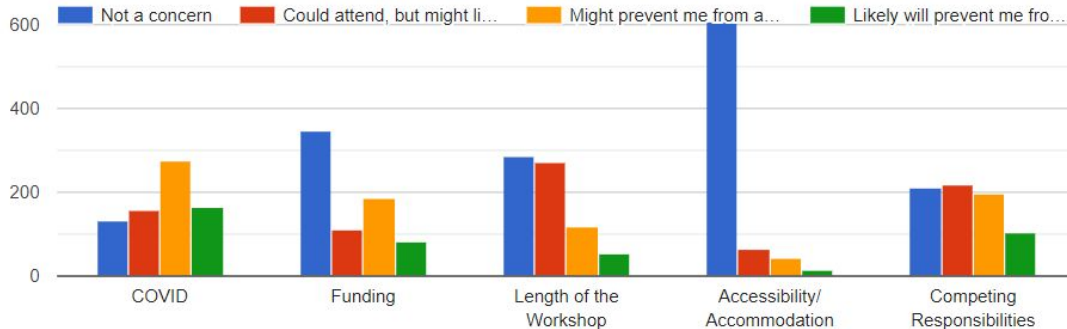


Thank you, everyone, for circulating all the requests - we got 727 responses!!

all-Snowmass email list ~1,500 people

~50% response, and 50%+ want to attend



Legend: Not a concern | Could attend, but might li… | Might prevent me from a… | Likely will prevent me fro…

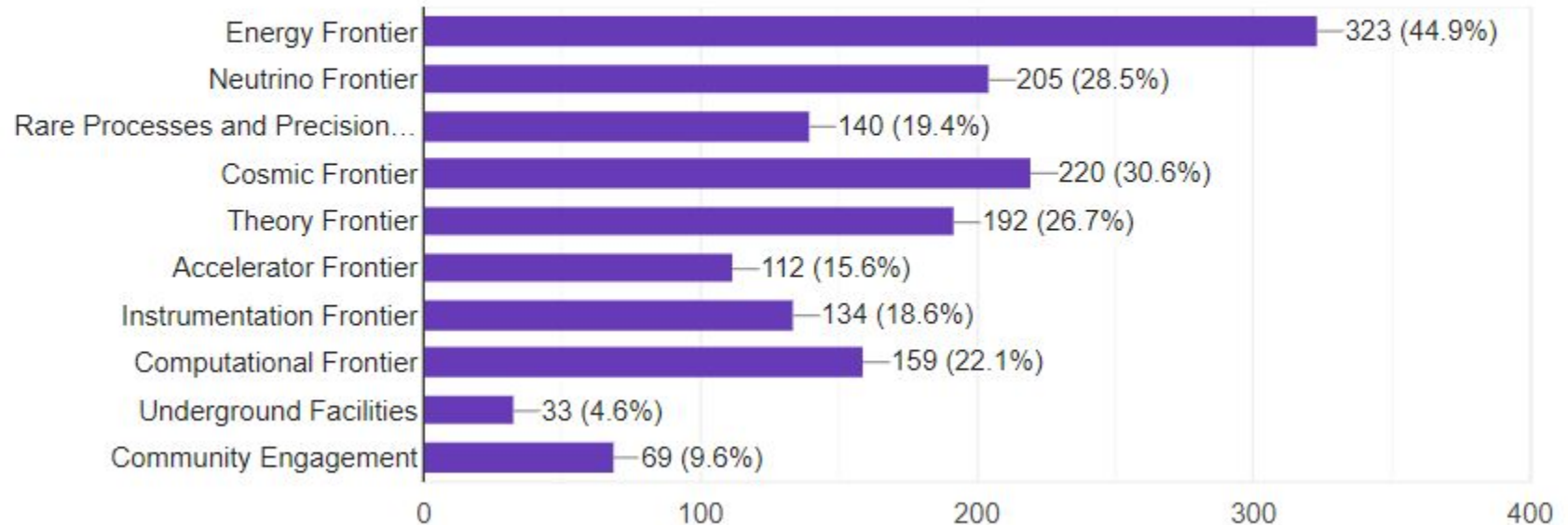Categories: COVID, Funding, Length of the Workshop, Accessibility/Accommodation, Competing Responsibilities

What would prevent you?
1. COVID
2. Competing Responsibilities
3. Funding
4. Length of workshop
5. Accessibility/Accommodation

3

# Attendance Survey by Frontiers

I primarily am interested in sessions associated with:

720 responses



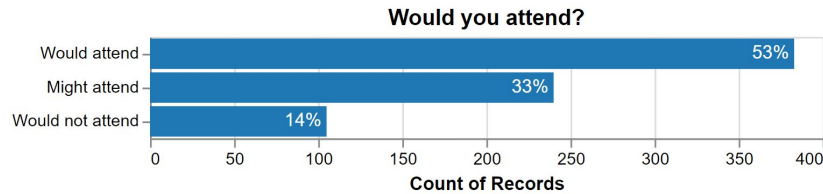| Frontier | Count |
|---|---|
| Energy Frontier | 323 (44.9%) |
| Neutrino Frontier | 205 (28.5%) |
| Rare Processes and Precision... | 140 (19.4%) |
| Cosmic Frontier | 220 (30.6%) |
| Theory Frontier | 192 (26.7%) |
| Accelerator Frontier | 112 (15.6%) |
| Instrumentation Frontier | 134 (18.6%) |
| Computational Frontier | 159 (22.1%) |
| Underground Facilities | 33 (4.6%) |
| Community Engagement | 69 (9.6%) |

# Impact on Workshop Size

- Snowmass email list - 1500 people
- 50% of them replied to survey (730)

→ Other half probably even less motivated interested in attending Snowmass



**Would you attend?**

| | |
|---|---|
| Would attend | 53% |
| Might attend | 33% |
| Would not attend | 14% |

Count of Records

**Most Worried About Attending**

COVID
Other Responsibilities
Funding
Workshop Length
Accessibility

Number of people

- Of those 50% would attend, ignoring COVID, funding, etc. (350)
- 33% might attend (240)
- Total of 600 people
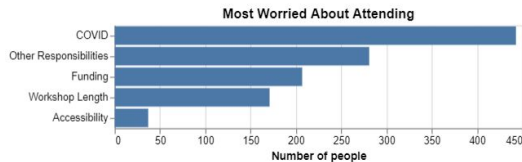
- COVID is the top concern for most people - this will take a bite out of the 600 above
- Other responsibilities - vacations and other things - with lots of mentions about the length (50% of the "would not attend" are in this category).

Plan: Make workshop work at 400 people, but expandable up to 700

# Next Steps

- Starting Discussions with UW to understand how to shrink the workshop.
- Are there more creative ways to approach this?

We have to consistent themes from the survey
- Why is this so long?
  - We may need to do some PR work here
  - We could do this in 5 days, or even 3 would be more than enough
- DOE travel fears



Words used in the "might attend" text category



Would you attend?



COVID Comfort Level

# Homework

We need to schedule the plenary sessions
- Day 1: Introduction, setting the stage
- Last 1.5 days: Summary, leap off for next phases (reports, DPF concerns, P5, etc.)

Need one or two names:
1) Coordinate the first day
2) Part of a team to coordinate the last 1.5 days

Name for Day 1: Meenakshi
Name for Last 1.5 Days: Joel B

# Draft Timeline

- Mar 16: Next Program Committee meeting
  - Finalize agenda and room request
  - Industry Exhibitions
  - Poster
- Mar 22: Submit room request to UW Conf Service
- Apr 1: First call of Poster submission
- Apr 18: Conference rooms lock down
  - Large person rooms, minimal parallel rooms
- May 1: Early registration starts (11 weeks countdown)
- Jun 5: Early registration due (6 weeks countdown)
- July 3: Normal registration due (2 weeks countdown)
- July 17: Summer meeting kick-off

# Next…

Help needed with Industry Partners


State of the Agenda

# Room Requests & Agenda

# Agenda Progress

Used the Agenda Planning Exercise Document as a source

Did our best to turn it into meetings

    Clearly with some errors (sorry TF!!)

We now have the rooms broken down by Frontier

    With XF (Cross Frontier) meetings indicated

# Sample…

XF Meeting Requested by CEF (blue)

(EF Parallel Meetings)

Room is not reserved

| Date | Time | Number Hours | Room | Room Capacity | Requested People | Meeting Name |
|------|------|--------------|------|---------------|------------------|--------------|
| 7-18 | 8am-10am | 2 | JHN 175 | 70 | 40 | XF CEF-EF-NF-RF-CF-TF-AF-IF-CompF-UF |
| 7-18 | 8am-12pm | 4 | HUB 250 | 181 | 100 | EF SPT Higgs |
| 7-18 | 8am-12pm | 4 | KNE 225 | 135 | 100 | EF BSM |
| 7-18 | 8am-12pm | 4 | KNE 220 | 239 | 100 | EF SM |
| 7-18 | 1:30pm-3:30pm | 2 | KNE 210 | 242 | 30 | XF EF-CEF EF Centric Discussions |
| 7-18 | 1:30pm-3:30pm | 2 | HUB Lyceum | 396 | 40 | XF EF-IF EF Centric Discussions |
| 7-18 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-CompF EF Centric Discussions |
| 7-18 | 4pm-6pm | 2 | HUB Lyceum | 396 | 30 | XF EF-AF-TF Muon Forum Report |
| 7-19 | 8am-12pm | 4 | JHN 175 | 70 | 50 | XF TF-EF |
| 7-19 | 8am-12pm | 4 | JHN 075 | 100 | 100 | EF Report A |
| 7-19 | 8am-12pm | 4 | JHN 102 | 195 | 100 | EF Report B |
| 7-19 | 8am-12pm | 4 | HUB Lyceum | 396 | 100 | EF Report C |
| 7-19 | 1:30pm-3:30pm | 2 | HUB 340 | 72 | 40 | XF EF-IF Finalizing Plots |
| 7-19 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-AF Finalizing Plots and Tables |
| 7-19 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-EF-AF-TF e+e- Forum |
| 7-19 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-EF-AF-TF e+e- Forum |
| 7-20 | 8am-10am | 2 | HUB 337 | 50 | 50 | XF CF-EF-RF-TF CF1 CF2 CF3 CF7 DM Complementarity |
| 7-20 | 8am-10:30am | 2.5 | KNE 130 | 723 | 400 | EF Report Discussion |
| 7-20 | 11am-12pm | 1 | KNE 130 | 723 | 400 | EF-CompF |
| 7-20 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-IF Discussions |
| 7-20 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-TF Discussions |
| 7-21 | 8am-10am | 2 | JHN 175 | 70 | 50 | XF RF-EF RF4 EF9 on exotics at colliders |
| 7-21 | 8am-12pm | 4 | JHN 022 | 35 | 20 | XF IF-EF-AF detectors and MDI |
| 7-21 | 8am-12pm | 4 | HUB 340 | 72 | 20 | XF IF-RF-EF |
| 7-21 | 8am-12pm | 4 | KNE 225 | 135 | 100 | EF Report G |
| 7-21 | 8am-12pm | 4 | JHN 102 | 195 | 100 | EF Report H |
| 7-21 | 8am-12pm | 4 | HUB Lyceum | 396 | 100 | EF Report I |
| 7-21 | 8am-12pm | 4 | KNE 130 | 723 | 100 | EF Report J |
| 7-21 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | EF Higgs BSM MS Final Plots Discussions |
| 7-21 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-AF Unstructured |
| 7-22 | 8am-10am | 2 | HUB 214 | 80 | 50 | XF RF-EF-TF RF1 |
| 7-22 | 8am-10am | 2 | JHN 102 | 195 | 40 | XF AF-EF Accelerator R&D Overseas |
| 7-22 | 8am-12pm | 4 | JHN 075 | 100 | 20 | XF NF-EF Cross-cutting issues |
| 7-22 | 8am-12pm | 4 | KNE 110 | 223 | 100 | EF Finalize Report |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 214 | 80 | 30 | XF EF-TF EF Centric Discussions |
| 7-22 | 1:30pm-3:30pm | 2 | JHN 022 | 35 | 30 | XF EF-RF EF Centric Discussions |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 340 | 72 | 40 | XF EF-NF EF Centric Discussions |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-CF EF Centric Discussions |
| 7-23 | 8am-9am | 1 | HUB 238 | 20 | 20 | XF RF-EF RF7-EF6-EF7 hadrons as production probes; production mechanisms probing the internal structure of exotic hadrons |
| 7-23 | 8am-12pm | 4 | HUB 340 | 72 | 80 | XF AF-EF e+e- collider Forum report and discussion |
| 7-23 | 8am-12pm | 4 | HUB 334 | 132 | 80 | XF AF-EF Muon collider Forum report and discussion |
| 7-23 | 8am-12pm | 4 | HUB 332 | 120 | 80 | XF AF-EF ITF report and discussion |

Room is too small

# Current Overall Schedule (for 700 people)
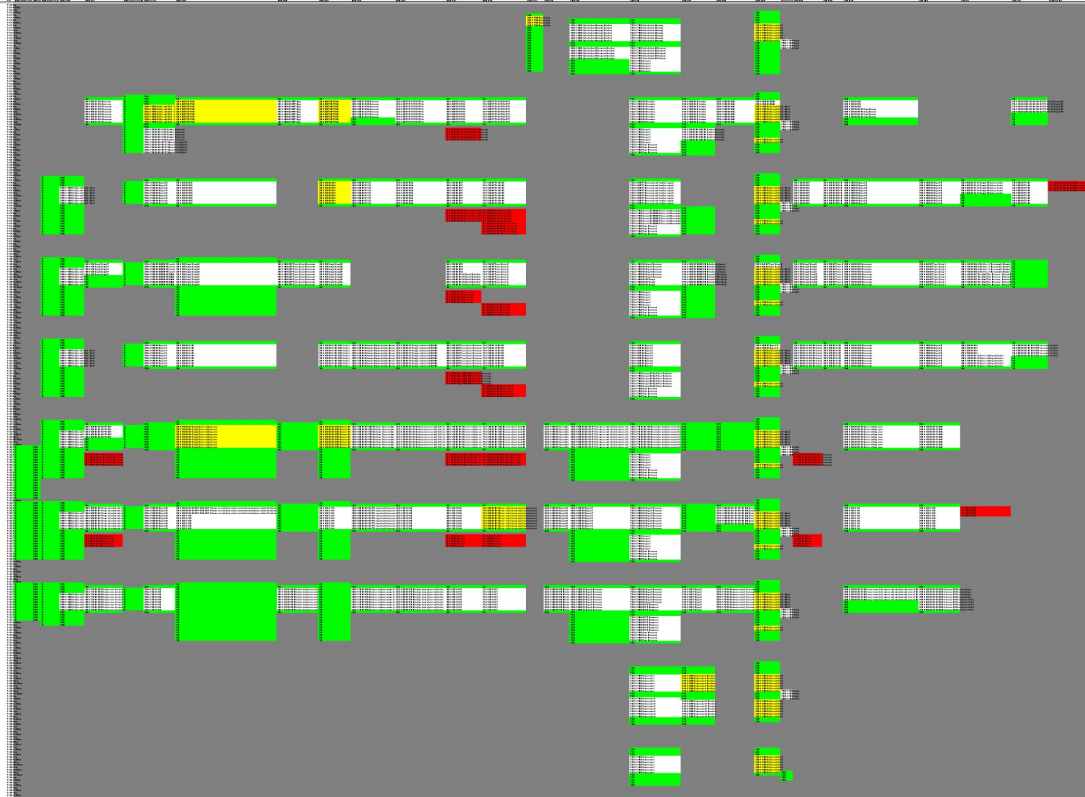


Red: Missing Room
Greed: Empty Room
Yellow: Room too small

For 700, this isn't too bad

# HW #1

| Date | Time | Number Hours | Room | Room Capacity | Requested People | Meeting Name |
|------|------|--------------|------|---------------|------------------|--------------|
| 7-18 | 8am-10am | 2 | JHN 175 | 70 | 40 | XF CEF-EF-NF-RF-CF-TF-AF-IF-CompF-UF |
| 7-18 | 8am-12pm | 4 | HUB 340 | 72 | 50 | TF TF4b-TF6-TF7 |
| 7-18 | 8am-12pm | 4 | HUB 334 | 132 | 30 | TF TF1-TF3-TF4a |
| 7-18 | 4pm-6pm | 2 | HUB Lyceum | 396 | 30 | XF EF-AF-TF Muon Forum Report |
| 7-19 | 8am-12pm | 4 | HUB 340 | 72 | 20 | XF TF-NF-RF |
| 7-19 | 8am-12pm | 4 | JHN 175 | 70 | 50 | XF TF-EF |
| 7-19 | 8am-12pm | 4 | HUB 332 | 120 | 50 | XF TF-CF |
| 7-19 | 8am-12pm | 4 | KNE 130 | 723 | 100 | TF Discussion and frontier reports |
| 7-19 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-EF-AF-TF e+e- Forum |
| 7-20 | 8am-10am | 2 | HUB 337 | 50 | 50 | XF CF-EF-RF-TF CF1 CF2 CF3 CF7 DM Complementarity |
| 7-20 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-TF Discussions |
| 7-22 | 8am-10am | 2 | HUB 214 | 80 | 50 | XF RF-EF-TF RF1 |
| 7-22 | 8am-12pm | 4 | KNE 120 | 435 | 100 | XF NF-CF-TF high energy and ultrahigh energy astrophysical neutrino |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 214 | 80 | 30 | XF EF-TF EF Centric Discussions |

(TF)

Check for accuracy!

Deadline: Weds March 9

# HW #2

| Date | Time | Number Hours | Room | Room Capacity | Requested People | Meeting Name |
|---|---|---|---|---|---|---|
| 7-18 | 8am-10am | 2 | JHN 175 | 70 | 40 | XF CEF-EF-NF-RF-CF-TF-AF-IF-CompF-UF |
| 7-18 | 8am-12pm | 4 | HUB 250 | 181 | 100 | EF SPT Higgs |
| 7-18 | 8am-12pm | 4 | KNE 225 | 135 | 100 | EF BSM |
| 7-18 | 8am-12pm | 4 | KNE 220 | 239 | 100 | EF SM |
| 7-18 | 1:30pm-3:30pm | 2 | KNE 210 | 242 | 30 | XF EF-CEF EF Centric Discussions |
| 7-18 | 1:30pm-3:30pm | 2 | HUB Lyceum | 396 | 40 | XF EF-IF EF Centric Discussions |
| 7-18 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-CompF EF Centric Discussions |
| 7-18 | 4pm-6pm | 2 | HUB Lyceum | 396 | 30 | XF EF-AF-TF Muon Forum Report |
| 7-19 | 8am-12pm | 4 | JHN 175 | 70 | 50 | XF TF-EF |
| 7-19 | 8am-12pm | 4 | JHN 075 | 100 | 100 | EF Report A |
| 7-19 | 8am-12pm | 4 | JHN 102 | 195 | 100 | EF Report B |
| 7-19 | 8am-12pm | 4 | HUB Lyceum | 396 | 100 | EF Report C |
| 7-19 | 1:30pm-3:30pm | 2 | HUB 340 | 72 | 40 | XF EF-IF Finalizing Plots |
| 7-19 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-AF Finalizing Plots and Tables |
| 7-19 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-EF-AF-TF e+e- Forum |
| 7-19 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-EF-AF-TF e+e- Forum |
| 7-20 | 8am-10am | 2 | HUB 337 | 50 | 50 | XF CF-EF-RF-TF CF1 CF2 CF3 CF7 DM Complementarity |
| 7-20 | 8am-10:30am | 2.5 | KNE 130 | 723 | 400 | EF Report Discussion |
| 7-20 | 11am-12pm | 1 | KNE 130 | 723 | 400 | XF EF-CompF |
| 7-20 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-IF Discussions |
| 7-20 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-TF Discussions |
| 7-21 | 8am-10am | 2 | JHN 175 | 70 | 50 | XF RF-EF RF4 EF9 on exotics at colliders |
| 7-21 | 8am-12pm | 4 | JHN 022 | 35 | 20 | XF IF-EF-AF detectors and MDI |
| 7-21 | 8am-12pm | 4 | HUB 340 | 72 | 20 | XF IF-RF-EF |
| 7-21 | 8am-12pm | 4 | KNE 225 | 135 | 100 | EF Report G |
| 7-21 | 8am-12pm | 4 | JHN 102 | 195 | 100 | EF Report H |
| 7-21 | 8am-12pm | 4 | HUB Lyceum | 396 | 100 | EF Report I |
| 7-21 | 8am-12pm | 4 | KNE 130 | 723 | 100 | EF Report J |
| 7-21 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | EF Higgs BSM MS Final Plots Discussions |
| 7-21 | 4pm-6pm | 2 | HUB 340 | 72 | 30 | XF EF-AF Unstructured |
| 7-22 | 8am-10am | 2 | HUB 214 | 80 | 50 | XF RF-EF-TF RF1 |
| 7-22 | 8am-10am | 2 | JHN 102 | 195 | 40 | XF AF-EF Accelerator R&D Overseas |
| 7-22 | 8am-12pm | 4 | JHN 075 | 100 | 20 | XF NF-EF Cross-cutting issues |
| 7-22 | 8am-12pm | 4 | KNE 110 | 223 | 100 | EF Finalize Report |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 214 | 80 | 30 | XF EF-TF EF Centric Discussions |
| 7-22 | 1:30pm-3:30pm | 2 | JHN 022 | 35 | 30 | XF EF-RF EF Centric Discussions |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 340 | 72 | 40 | XF EF-NF EF Centric Discussions |
| 7-22 | 1:30pm-3:30pm | 2 | HUB 337 | 50 | 40 | XF EF-CF EF Centric Discussions |
| 7-23 | 8am-9am | 1 | HUB 238 | 20 | 20 | XF RF-EF RF7-EF6-EF7 hadrons as production probes; production mechanisms probing the internal structure of exotic hadrons |
| 7-23 | 8am-12pm | 4 | HUB 340 | 72 | 80 | XF AF-AF e+e- collider Forum report and discussion |
| 7-23 | 8am-12pm | 4 | HUB 334 | 132 | 80 | XF AF-EF Muon collider Forum report and discussion |
| 7-23 | 8am-12pm | 4 | HUB 332 | 120 | 80 | XF AF-EF ITF report and discussion |

(request from TF)

Places where EF already requests a meeting with TF

Deadline: Monday Mar 14

Please send us email (Shih-Chieh and Gordon)

# Extra Credit

How can we shrink the agenda?

400 people will not support this room allocation. How can we trim things?

# Conclusion

The Current Plan

- Iterate to find places we didn't read the Agenda Planning Exercise correctly (HW#1)
- Start a conversation to understand the XF meetings (HW#2)

The Future Plan

- Understand what 400 means to shape of conference
- Evolve our current plans