

# Snowmass at Argonne Exercise: Organization

ANL HEP  
5/3/2013



# Response to the call for participation

- 36 people responded as of 11:41 today.
- The distribution of working group interest are:

2. Which working group would you be interested in joining?		Create Chart	Download
		Response Percent	Response Count
Impact of Instrumentation R&D		36.1%	13
Impact of Accelerator R&D		2.8%	1
Impact of large scale Computing		19.4%	7
Is the world Supersymmetric?		25.0%	9
Is the world some other kind of BSM?		25.0%	9
What are neutrinos telling us?		36.1%	13
What is the nature of dark matter?		38.9%	14
What is the nature of dark energy?		30.6%	11
What is the origin of matter/anti-matter asymmetry?		33.3%	12
How do we improve our understanding of Cosmology?		19.4%	7
		answered question	36
		skipped question	0

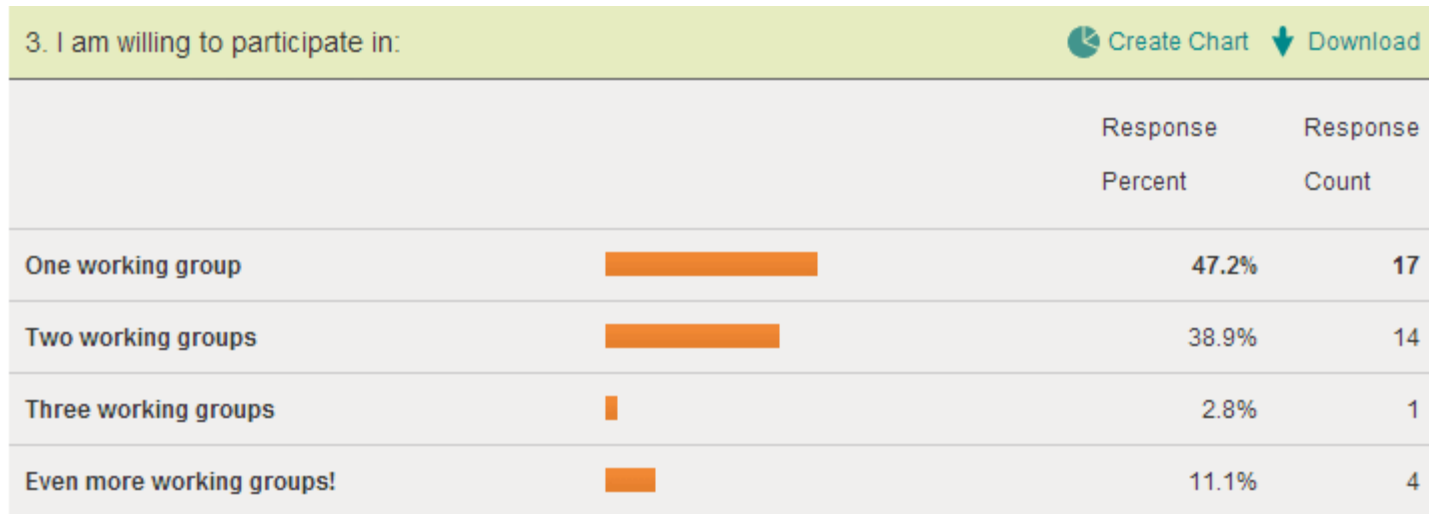


A little problem..

We'll leave the  
accelerator WG  
organization for  
later.



# More results from the call



- Many people expressed interest in working on more than one group.
- 18 people said that they are willing to help in the organizational part of the exercise!



# How the proposed groups were formed.

- Originally thought ~3-4 people per WG. We have far more people interested.
  - Decided to enlarge the groups.
  - IF (Number of interested WGs)=(Number willing to work on) THEN you are on all of the WGs you picked.
  - IF (Number of interested WGs) < (Number willing to work on) THEN you are only on the WGs you picked. So far..
  - IF (Number of interested WGs) > (Number willing to work on) THEN I picked the WG for you based on balancing groups in various ways.
  - If you said you are willing to be in MANY, I placed you in up to 5 places where you said you are willing to work on.
- 
- This is NOT set in stone.
  - If you want to change, let me know. Either now or in email.
  - If you didn't answer the survey so far and want to join, let me know.



# The WGs

- **Instrumentation:** Jose Repond, Ben Auerbach, Jinlong Zhang, Dave Underwood, Doug Benjamin, Mayly Sanchez, Rich Talaga (7)
- **Computing:** Salman Habib, Radja Bougzhel, Tom LeCompte, Doug Benjamin (4)
- **SUSY:** Sasha Paramonov, Ben Auerbach, Carlos Wagner, Eric Feng, Tom LeCompte, Ed Berger, Duong Ngyuen (7)
- **BSM:** Jinlong Zhang, Carlos Wagner, Ed Berger, Eric Feng, Jeremy Love, Tom LeCompte, Geoff Bodwin, Eve Kovacs (8)
- **Neutrinos:** Zelimir Djurcic, Maury Goodman, Carlos Wagner, Steve Magill, Larry Nodulman, Cosmas Zachos, Jon Paley, Mayly Sanchez, Louise Suter, Himansu Sahoo (10)
- **Dark Matter:** Jimmy Proudfoot, Maury Goodman, Carlos Wagner, Tom LeCompte, Rich Talaga, Lisa Goodenough, Bob Wagner (7)
- **Dark Energy:** Salman Habib, Peter Winter, Carlos Wagner, Katrin Heitmann, Tom LeCompte, Eve Kovacs, Adrian Pope (7)
- **Matter/Anti-Matter:** Zelimir Durcic, Jimmy Proudfoot, Maury Goodman, Larry Nodulman, Jon Paley, Bob Blair, Karen Byrum (7)
- **Cosmology:** Salman Habib, Maury Goodman, Frank Petriello, Katrin Heitmann, Ben Zitzer (5)



# What happens next?

- Look at the list on the last page carefully!
- I may have placed people where they did not indicate.
- You may want to change anyway..
- You may have not answered the survey so far but would like to join in one of the groups.

Send me Email.



# What happens after that?

- Remember we want to finish by mid-July.
- By mid-June, WGs should have converged so that we can start the larger discussion.
- NEXT WEEK:
  - The WGs should meet and choose a convener
  - The WGs should decide on sub-questions definite enough to begin considering which experimental opportunities begins to answer them.
    - E.g. Neutrinos:
      - What is the mass hierarchy
      - What is delta
      - Are there sterile neutrinos...
      - Etc.
  - Begin to compile the experimental opportunities. Decide on further source books for this?
- The week after next: Conveners meeting to synchronize and plan.

# The person to organize the meetings/communication next week to start off. (these are not necessarily the converers)

- Instrumentation: Jinlong
- Computing: Salman
- SUSY: Ben A.
- BSM: Jeremy
- Neutrinos: Larry
- Dark Matter: Maury
- Dark Energy: Peter
- Matter/Anti-Matter: Jon
- Cosmology: Frank