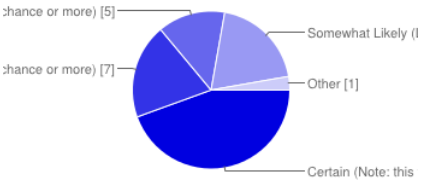
36 responses

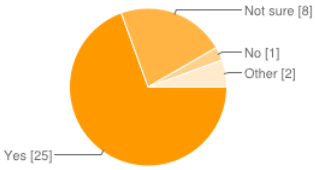
Summary See complete responses

How LIKELY are you to attend the 2013 AMS Clinic?



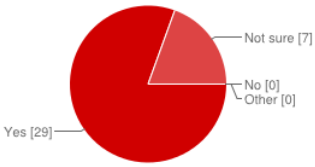
Certain (Note: this form is then considered your registration, and you don't need to register again later)	16	44%
Very Likely (75% chance or more)	7	19%
Likely (50% chance or more)	5	14%
Somewhat Likely (Less than 50%)	7	19%
Other	1	3%

If you attend, will you attend the 2nd Symposium on Advances on Atmospheric Mass Spec on the afternoon of Mon March 25th, 1-6 pm?



Yes	25	69%
Not sure	8	22%
No	1	3%
Other	2	6%

If you attend, will you attend the ARI dinner on the evening of Mon March 25th?



Yes	29	81%
Not sure	7	19%
No	0	0%
Other	0	0%

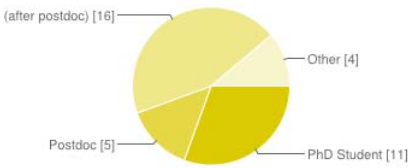
Please enter your NAME

Roya Bahreini Matt Coggon Sri Hapsari Budisulistiorini Shunsuke Nakao Puneet Chhabra Yu Jun Leong Misha Schurman Celia Faiola Doug Day RIFFAULT Jason Surratt Patrick Hayes Amber Ortega Pedro Campuzano Jost Joel K ...

Please enter your INSTITUTION

UC-Riverside Caltech UNC Chapel Hill Colorado State University Aerodyne Rice University Colorado State University Washington State University CU, Boulder Ecole Nationale Supérieure des Mines de Douai UNC-Cha ...

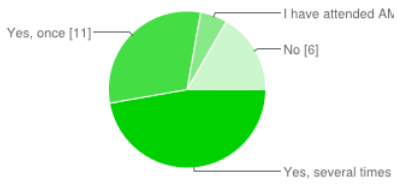
Please enter your JOB TITLE



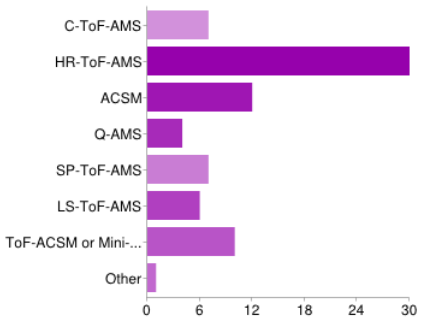
PhD Student	11	31%
Postdoc	5	14%
Scientist (after postdoc)	16	44%
Other	4	11%

Have you attended an AMS Clinic BEFORE?

Yes, several times	17	47%
Yes, once	11	31%
I have attended AMS Users Meetings, but not a Clinic	2	6%
No	6	17%



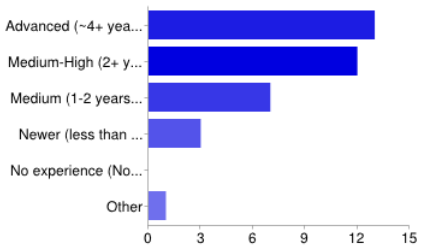
Which AMS VERSION(S) are you interested in discussing?



C-ToF-AMS	**7**	19%
HR-ToF-AMS	**30**	83%
ACSM	**12**	33%
Q-AMS	**4**	11%
SP-ToF-AMS	**7**	19%
LS-ToF-AMS	**6**	17%
ToF-ACSM or Mini-ToF-AMS	**10**	28%
Other	**1**	3%

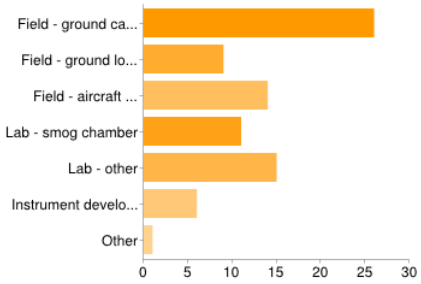
People may select more than one checkbox, so percentages may add up to more than 100%.

What is your level of EXPERIENCE with the AMS?



Advanced (~4+ years of intense experience)
Medium-High (2+ years of total experience)
Medium (1-2 years of total experience)
Newer (less than 1 yr of total experience)
No experience (Note: we DISCOURAGE users w/o experience from attending as we can't slow down as much as they wo
Other

What type of EXPERIMENTS do you use the AMS for?



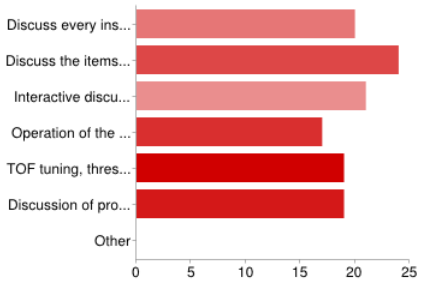
Field - ground campaigns (~ 1 month)	**26**	72%
Field - ground long term monitoring (6 months +)	**9**	25%
Field - aircraft (or other mobile platform)	**14**	39%
Lab - smog chamber	**11**	31%
Lab - other	**15**	42%
Instrument development	**6**	17%
Other	**1**	3%

People may select more than one checkbox, so percentages may add up to more than 100%.

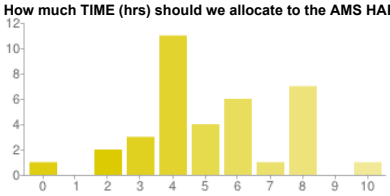
Which TOPICS / ACTIVITIES should we focus on for the HARDWARE part of the Clinic?

Discuss every instrument component with instrument in room, open boxes w/ camera, oscilloscope etc. (as in past 2 yrs)
Discuss the items that tend to fail (chopper, interlock, TPS etc.)
Interactive discussion of troubleshooting (e.g. "what may be wrong if my airbeam is low" or "if my data looks noisy"?)
Operation of the acquisition software while looking at noise and other performance
TOF tuning, thresholding
Discussion of problems brought up by users during meeting
Other

People may select more than one checkbox, so percentages may add up to more than 100%.

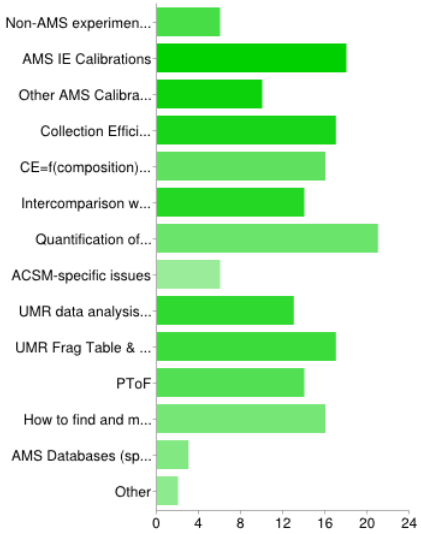


How much TIME (hrs) should we allocate to the AMS HARDWARE part of the Clinic?



0	**1**	3%
1	**0**	0%
2	**2**	6%
3	**3**	8%
4	**11**	31%
5	**4**	11%
6	**6**	17%
7	**1**	3%
8	**7**	19%
9	**0**	0%
10	**1**	3%

Which TOPICS should we focus on for the EXPERIMENTAL, QUANTIFICATION, and UMR part of the Clinic? (mostly w user experiments)



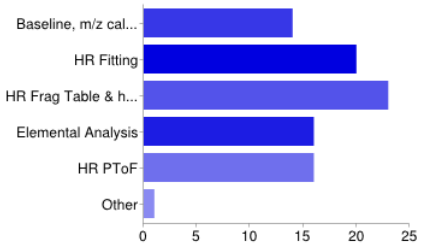
Non-AMS experimental issues (inlets, filters, etc.)	**6**	18%
AMS IE Calibrations	**18**	53%
Other AMS Calibrations (size, m/z etc.)	**10**	29%
Collection Efficiency (CE)	**17**	50%
CE=f(composition) panel in Squirrel & ACSM	**16**	47%
Intercomparison with other instruments	**14**	41%
Quantification of uncertainties (accuracy, precision)	**21**	62%
ACSM-specific issues	**6**	18%
UMR data analysis in Squirrel & ACSM	**13**	38%
UMR Frag Table & how to modify it for your needs	**17**	50%
PToF	**14**	41%
How to find and modify / add code inside Squirrel & ACSM	**16**	47%
AMS Databases (spectra, global, TD etc.)	**3**	9%
Other	**2**	6%

People may select more than one checkbox, so percentages may add up to more than 100%.

How much time (hrs) should we allocate to the EXPERIMENTAL, QUANTIFICATION, and UMR part of the Clinic?

0	**1**	3%
1	**0**	0%
2	**1**	3%
3	**2**	6%
4	**11**	31%
5	**4**	11%
6	**8**	22%
7	**2**	6%
8	**5**	14%
9	**0**	0%
10	**2**	6%

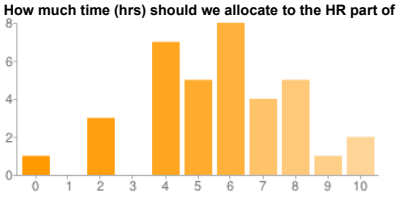
Which TOPICS should we focus on for the HR part of the Clinic? (mostly w user experiments)



Baseline, m/z calibration	**14**	48%
HR Fitting	**20**	69%
HR Frag Table & how to modify it for your needs	**23**	79%
Elemental Analysis	**16**	55%
HR PToF	**16**	55%
Other	**1**	3%

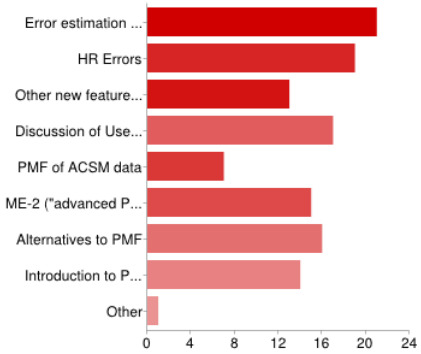
People may select more than one checkbox, so percentages may add up to more than 100%.

How much time (hrs) should we allocate to the HR part of the Clinic?



0	**1**	3%
1	**0**	0%
2	**3**	8%
3	**0**	0%
4	**7**	19%
5	**5**	14%
6	**8**	22%
7	**4**	11%
8	**5**	14%
9	**1**	3%
10	**2**	6%

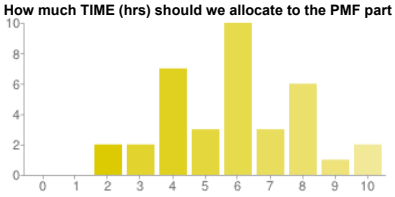
Which TOPICS should we focus on for the PMF part of the Clinic? (mostly w user experiments)



Error estimation and new error panel in PET (Ingrid's software)	**21**	66%
HR Errors	**19**	59%
Other new features and use of the PET	**13**	41%
Discussion of User Cases	**17**	53%
PMF of ACSM data	**7**	22%
ME-2 ("advanced PMF")	**15**	47%
Alternatives to PMF	**16**	50%
Introduction to PMF and PET from Ingrid	**14**	44%
Other	**1**	3%

People may select more than one checkbox, so percentages may add up to more than 100%.

How much TIME (hrs) should we allocate to the PMF part of the Clinic?



0	**0**	0%
1	**0**	0%
2	**2**	6%
3	**2**	6%
4	**7**	19%
5	**3**	8%
6	**10**	28%
7	**3**	8%
8	**6**	17%
9	**1**	3%
10	**2**	6%

Are there OTHER TOPICS that we should cover and are not in the options above? (PIs enter an estimate of the time needed)

I'd be interested in covering DAQ issues. What would be really cool would be to understand (2 hrs maybe) on how the DAQ acquires data and stores it into the HDF files. I've found that I don't completely understand how to browse and find what I need in the HDF files. I'd also be interested in getting a walk-through on the squirell/pika code and if there are any tricks to quickly figure out what it's doing. I often get questions from collaborators, but my answers are only based on what I've figured out from experimenting with different squirell options. It would be nice to also see what the c ...

Which topics are YOU hoping / prepared to discuss while projecting your results of Igor experiments?

measurement of water content of aerosols I am planning to present some data that will be collected from the building inlet, after a series of fixes on our HR machine (cable ringing issue, vaporizer temp...). This instrument will be involved in two field campaigns this year, so we want to make sure that it's collecting good data. Other issues may be brought up as we continue to work on the instrument this semester. need to think about it; maybe PMF not fully resolving a relatively high-mass factor that I know is there (some mass 'bleeds' into another factor's mass spec, or some of that factor's ...

Do you have any other comments for the ORGANIZATION of the Clinic?

I intend to drop in for short periods each day.

Number of daily responses