

INTERNATIONAL MASTERCLASSES HANDS ON PARTICLE PHYSICS

IMC SG meeting
01.12.2020, Zoom

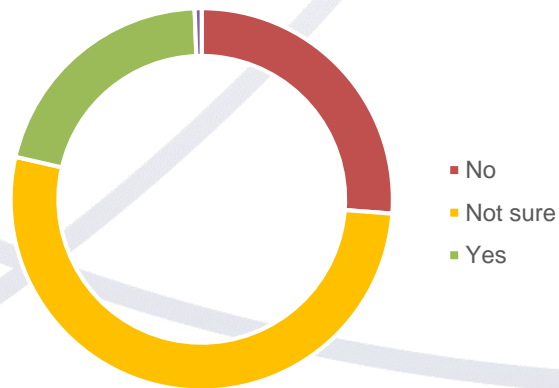


IMC 21: What can we expect?

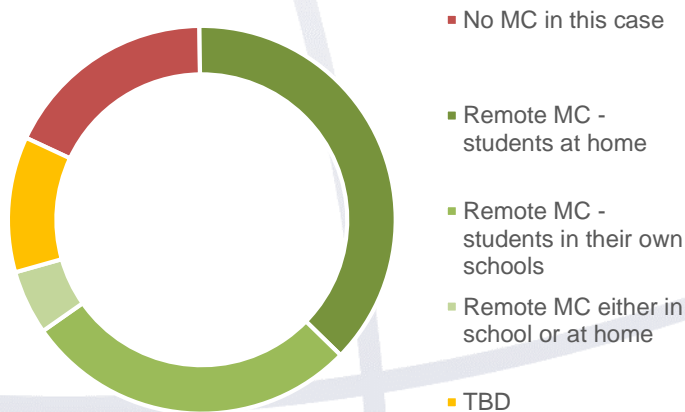
IMC 21: 11.2. – 27.3.2021

Results from intent-to-register survey, n=168 (1st week of Nov)

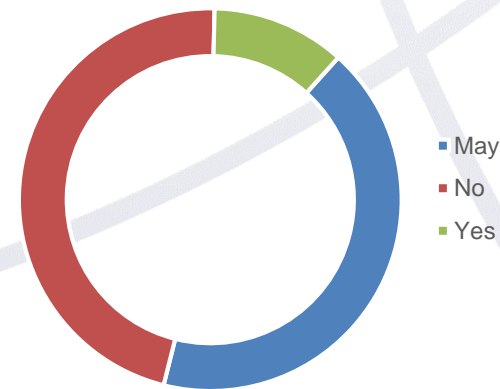
Do you expect to hold a Masterclass with students onsite at your institution?



What will you do if you can/will not hold an onsite MC?



Do you need extra support or advice?



IMC 21: What can we expect?

We expect or should be ready for:

- Pandemic continues
- No high school students allowed at universities or labs
- Physicists might go to classrooms
- MC mainly remote, either with school classes or individual students
- Students run measurements on their computers
- Institutes need support for remote MC (how-to guide)

IMC 21: Registration

- Doodle registrations started on Nov 23
- A little fewer participants so far
- More slots will be added (announcement in next circular on Dec 4)

	ATLAS Z	ATLAS W	CMS	LCHb	ALICE S.P.	ALICE R_AA	ATLAS Z	CMS WZH	MINERVA
	CERN						Fermilab		
VC slots offered	95	35	50	40	25	5	many	many	many
registrations	57	13	40	26	15	3	3	17	2
MC in 2020	104	24	66	43	38	4	15	35	18

Remote MC: Lectures

Collection of recommendations

- via Zoom
 - webinar style for large groups
 - Protect against zoom-bombing
- Include many interactive parts, e.g. Zoom polls, kahoot quizzes
- Provide preparatory material for students, e.g. videos, online courses
- Include enough breaks
- Start the day with a short community-building game or a round of introductions
- Consider to split the whole Masterclass content over 2 or more days

Remote MC: Hands-on Measurement

Collection of recommendations

- Zoom break-out rooms for pairs of students
 - difficult to manage for large groups
- Distribute download-links beforehand
- Ensure that students have the software ready
- Switch to online tools where practical
- Have software run in browser
- Simplify measurements, especially where there is less support
- BAMC/BAMA follow-up (May?)

Remote MC: Videoconference

Expected situation:

- Mix of groups and individual students in one session
- Moderators not sitting together
- Zoom (webinar style for large groups)
- Use of slido.com would be nice, but puts extra load on moderators

