



Big Analysis of Muons in CMS (BAMC)

May 10, 2020

Hello colleagues and welcome to BAMC,

Thank you for joining BAMC! There is a lot here that is important, so please read all of it carefully.

We have over 200 registrations and the number of students in this international edition is in the thousands. This is an order of magnitude more than we expected and will present interesting challenges - and the great chance to bring particle physics to many students and teachers.

Because of the large numbers, we must make some special arrangements to assure a good, meaningful experience. We need to limit the number of students who can attend the live events and we have increased the number of culminating videoconferences.

First: the masterclass talk on Tuesday 19 May at 15:00 UTC. We must ask that each teacher allow no more than two students to participate in the event live along with the teacher. The other students will be able to watch the online recording afterward. This rule will enable all schools to be represented in the webinar.

The next item is the final videoconferences. We now have four:

- Thursday 21 May, 16:00 UTC
- Friday 22 May, 12:00 UTC
- Tuesday 26 May, 14:00 UTC
- Wednesday 27 May, 03:30 UTC (more convenient to Asia/Pacific).

(Convert to your time zone at <https://www.timeanddate.com/worldclock/converter.html>.)

Having these four videoconferences will enable more students to participate directly - each teacher can choose 4 students to join and the others will need to view the recording - and stretch out the data analysis days to ease the load on our server.

Unfortunately, you must register one more time to pick a videoconference. There are two doodle polls to accomplish this: one for teachers with students and the other for individuals, since some joined BAMC solo. Here they are:

- For teachers with students, <https://doodle.com/poll/3664bms8um2yisfz>

- For individuals, <https://doodle.com/poll/8g6szqp5v8pkzi9h>.

Please note that the number of responses per videoconference is limited. To get the videoconference you want, you should answer the doodle as soon as you can; if you cannot get your first choice, you will have to pick a different one that is still open. Responses to both polls are due this Wednesday 13 May.

The success of BAMC depends on the teachers! Teachers, to learn more about your role, please go to and study the Teacher Launch page. Every participant, including teachers, should visit the Student Launch page and view the four screencasts. You can access both by going to <https://quarknet.org>, and choosing the MASTERCLASSES button: the BAMC pages appear at the bottom of the pop-down menu.

Finally, two other resources may be of use. Many of you asked great questions in your comments upon registration. They are answered in a viewable document at <http://cern.ch/go/Q6Nc>. And our colleagues from BAMC in April shared tips and suggestions, which you can find at <http://cern.ch/go/8hgg>.

Again, thank you for becoming part of BAMC! Please feel free to send questions, comments, and concerns.

All the best,

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