



Feb 16, 2024

Dear all,

This week, we kicked-off Masterclasses with CERN videoconference. The first sessions went very well and we saw happy students and physicists. To make the final videoconference a successful endpoint of the day, we recommend that you go over the videoconference procedure ahead of time.

//////// Instructions for the CERN videoconferences //////////

To make the Zoom videoconference enjoyable for both moderators and students, the following setup will be used:

- The videoconferences will be done in the “meeting” style.
- You will receive the Zoom link a few days ahead.
- The videoconference will follow the usual timeline (welcome & icebreaker, combination & discussion of results, Q&A, quiz).
- It is **not** intended that institutes present reports. Instead, moderators will show combined results and ask questions to students. Please prepare for the videoconference, especially the discussion of the measurement, with our manual for the videoconference: <https://cern.ch/go/db7q> (download in pdf-format)
- The quiz will be played by moderators as a ppt slideshow. Students need answer sheets (download from <https://cern.ch/go/pw9Q>).

//////// Instructions for the Fermilab videoconferences //////////

Zoom is also the official videoconference service for Fermilab. Here is the plan, in brief:

- Fermilab videoconference connections will appear in the “Zoom link” column of each schedule found on the Fermilab Videoconferences 2024 page at <https://cern.ch/fnalvc>.
- The videoconference will follow a newly modified timeline: welcome & icebreaker, combination & discussion of results, short virtual visit, and Q&A. The ~5 min virtual visit will be a chance for a moderator to show students their work/lab environment; we will also have short videos as a back-up where that is not practical.
- As with CERN videoconferences, please avoid public posting of Zoom links and institutes do not present reports. Moderators will ask insightful questions instead.

//////// Instructions for the GSI videoconferences //////////

Zoom is the official videoconference service for GSI/PTMC.

- GSI/PTMC videoconferences will be on Zoom.
- Instructions for Zoom meeting links will be sent to the contacts of each institute to distribute it to their session participants.
- The videoconference will include welcome & icebreaker, discussion of results, Q&A, virtual visit to therapy centres, when possible, and quiz.
- The quiz will be played by moderators using the app kahoot. Students can do the quiz on PC or smartphone. They don't need answer sheets.

//////// Instructions for the Belle II videoconferences //////////

Four videoconferences organised by Belle II will also use Zoom service. Based on the previous experiences "meeting" style will be used to maximise the interaction between the participants. During the videoconference, participants will present their results, participate in an interactive quiz and talk to a researcher connected from the Belle II control room. Zoom details will be distributed to the local site organisers before the event.

//////// Instructions for the Auger videoconferences //////////

The videoconferences with the Pierre Auger Observatory will be arranged via a Zoom meeting. The Zoom invitations will be sent to the contact person of each participating institution a few days in advance. The meeting will be open one hour in advance, allowing for prior setting and testing of the connections when needed. The session will be moderated by scientists from the Auger collaboration and will include a guided discussion of the results with time for questions and answers, a virtual visit to the observatory, as well as a final quiz using smartphones.

//////// Notes on CMS Data Assignments //////////

CMS data files have been assigned in CIMA, <https://cern.ch/go/znV6>. Institute leaders should check to be sure their masterclasses are listed and that they are assigned sufficient files. If you need more data, please contact Ken. A few Fermilab masterclasses are using Google sheets rather than CIMA: they should check their sheets in the Fermilab videoconferences page at <https://cern.ch/fnalvc>.

Kind regards,

Uta, Ken, Raul, Rok and Yiota

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