A Quick Tour of Zoom

From a Teacher's Perspective

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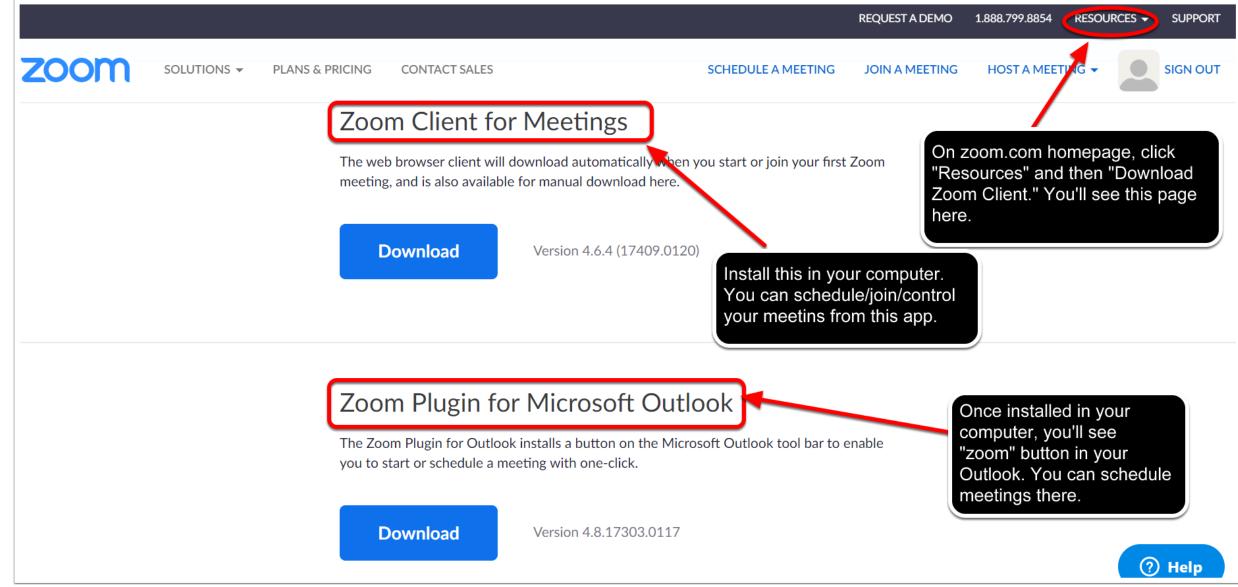
February 2020

How to Use Zoom to Do These Things in Your Class

Teaching & Learning Activity	Zoom Feature
Class attendance	 Schedule a meeting and invite participants (students, TA, admin staff, if applicable) Choose audio/video options for your class meeting Meeting registration + Reports
Class participation	Audio/Video setting in meetingChat
Quiz (MC questions)	 Polling + Reports (Reports available only when Meeting Registration is enabled)
Lecture	Screen Share – Desktop
Whiteboard write and draw	Screen Share – Whiteboard
Youtube video and other online activities	Screen Share – Desktop
Group discussion	Breakrooms
Group presentation	Breakroom + Screen Share + Remote Control
Recording	Local vs Cloud Recordings

Install Zoom Client

Download and install zoom apps in your computer



Zoom Help Center and eLearning@CUHK are very useful!

https://support.zoom.us/hc/en-us

https://www.elearning.cuhk.edu.hk/

Tools We Need

Tools

- Computer
 - Best with dual monitors
 - One for sharing your screen, the other for monitoring the meeting (e.g., see the chat box & participant list)
- If no second screen,
 - Then log in your zoom account from your **phone or tablet**, use it as your second screen.
- Webcam and built-in speaker should be okay if you're in a quiet room.
- Digital pen (e.g., iPad with Apple Pencil or any tablet with a stylus) if you need to use the whiteboard for hand writing / drawing.
 - Or Smart Notepads that can sync your hand writing/drawing to your mobile device in real time.
 - Or some digital writing/drawing pads that can be connected to your computer.
- For better audio quality, you may want to get a good headset with a mic.





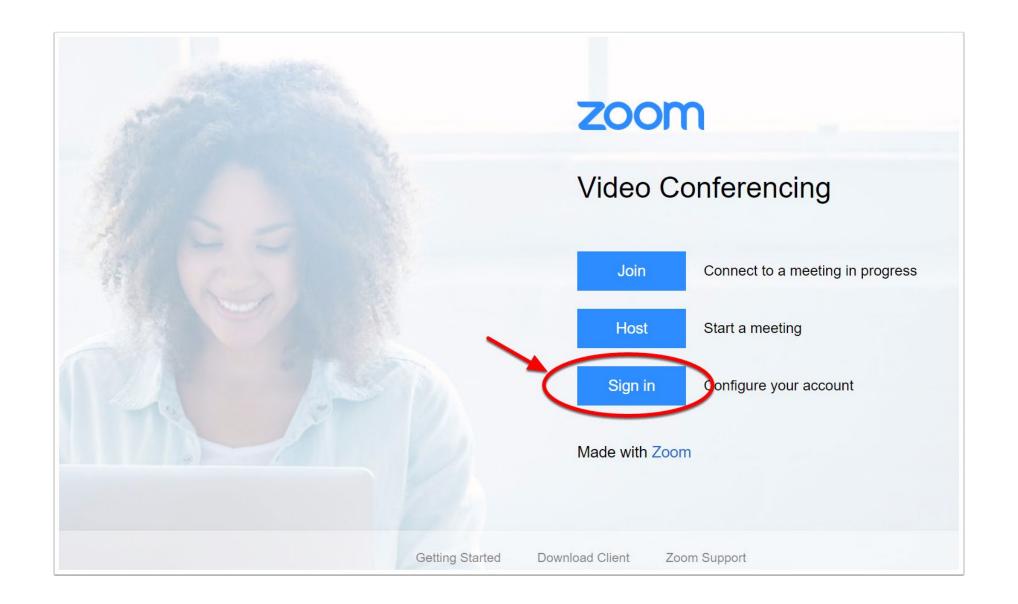






Manage Your Zoom Account Settings

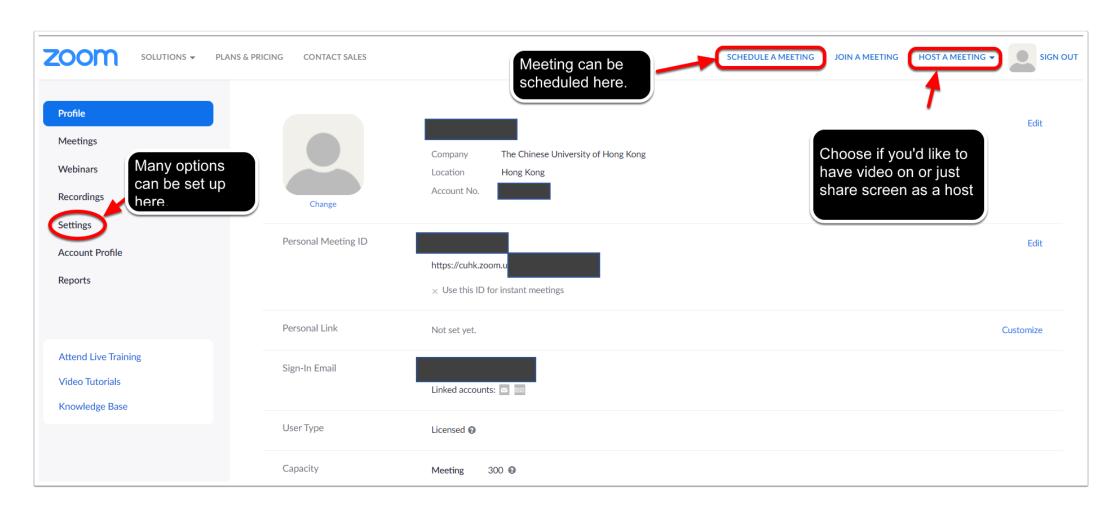
Go to cuhk.zoom.us and sign in your account.



You'll be directed to CUHK Login. Sign in with your CUHK email ID and password.



A lot can be done on your zoom profile page.



Zoom "identities"

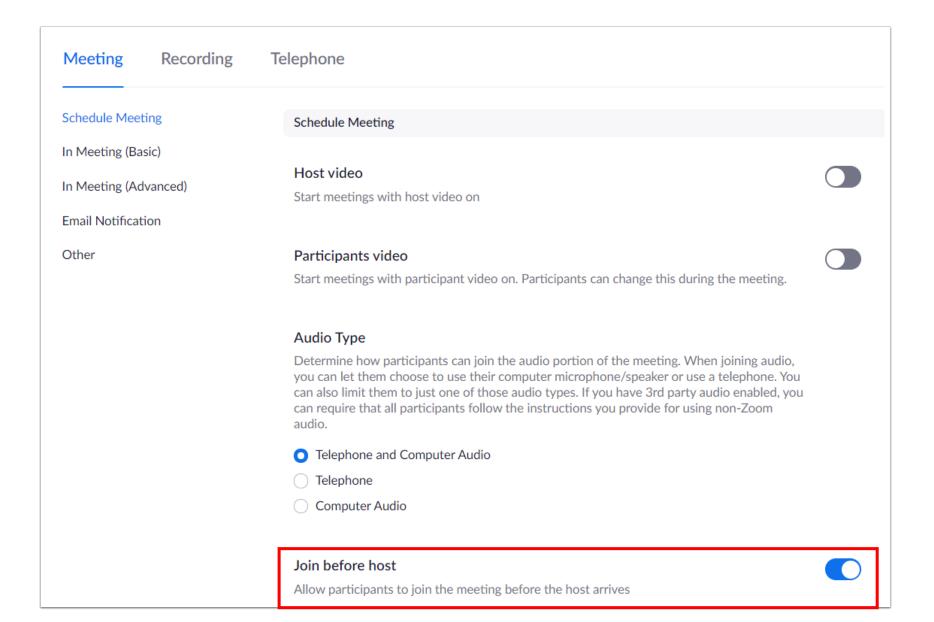
- Meeting host = Teacher (or TA / admin who helps schedule/control the meeting)
 - The host can "release" his/her role to any participant in the meeting
 - And he/she can "reclaim" his/her host role any time afterwards
- **Co-host** = TA?
 - The host can make one or more meeting participants as co-hosts.
 - You can invite and change co-hosts during the meeting.
 - Would be good to have your TA as a co-host.
- **Participants** = Students

Some zoom features (e.g., polling, breakout rooms) can only be seen by the host in his/her meeting control bar.

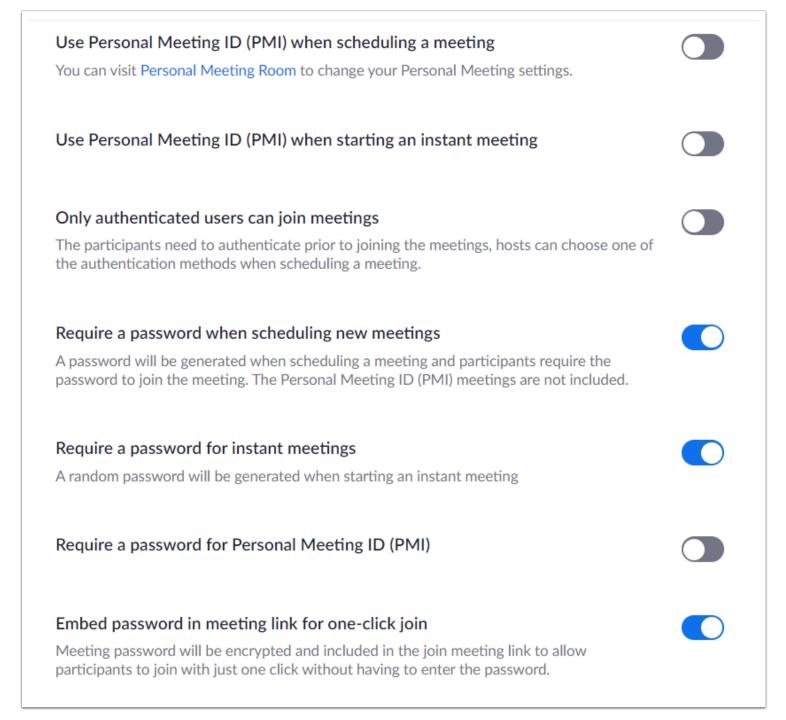
Zoom Settings

- You can modify various meeting settings in two ways:
 - On cuhk.zoom.us, in your zoom account → "Settings"
 - Things specified here will influence all your meetings.
 - Or you can change certain settings every time when you schedule a meeting.
- Let's take a look at zoom user account settings first ---

Your zoom account settings (1)



Your zoom account settings (2)



Require password for participants joining by phone



A numeric password will be required for participants joining by phone if your meeting has a password. For meeting with an alphanumeric password, a numeric version will be generated.

Mute participants upon entry



Automatically mute all participants when they join the meeting. The host controls whether participants can unmute themselves. [7]

Upcoming meeting reminder



Receive desktop notification for upcoming meetings. Reminder time can be configured in the Zoom Desktop Client. 🕝

In Meeting (Basic)

Require Encryption for 3rd Party Endpoints (H323/SIP)



Zoom requires encryption for all data between the Zoom cloud, Zoom client, and Zoom Room. Require encryption for 3rd party endpoints (H323/SIP).

Chat

Your zoom

settings (3)

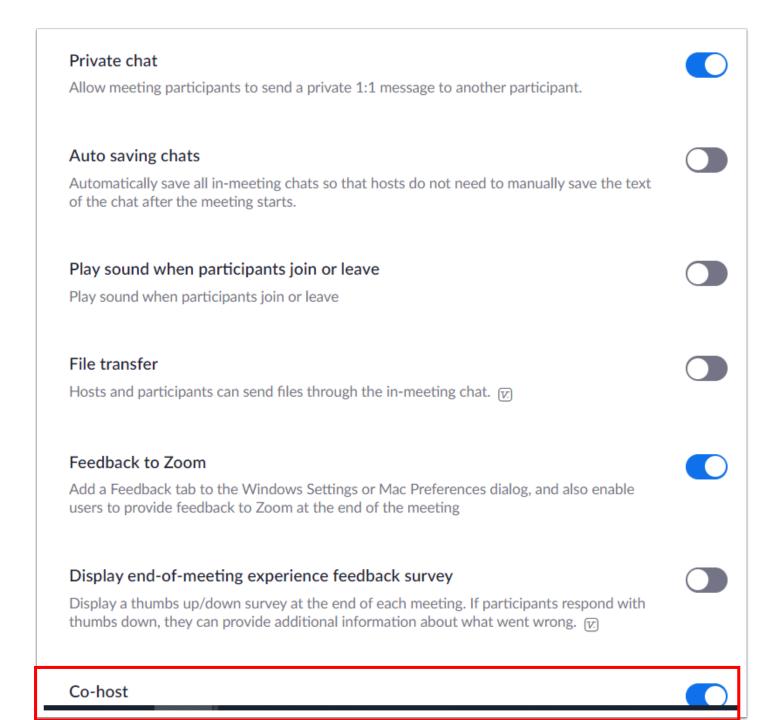
account



Allow meeting participants to send a message visible to all participants

Prevent participants from saving chat w

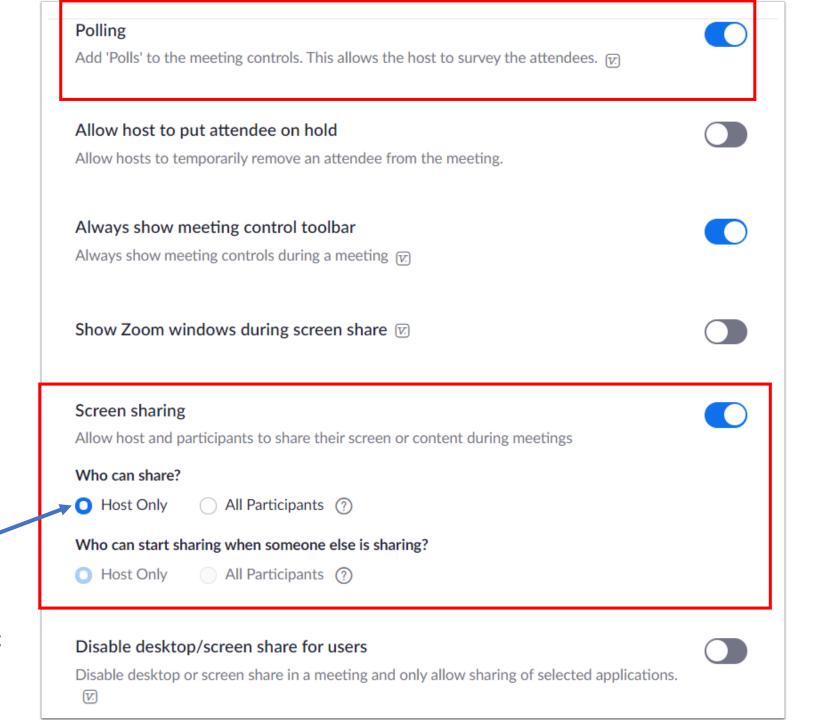
Your zoom account settings (4)



Your zoom account settings (5)

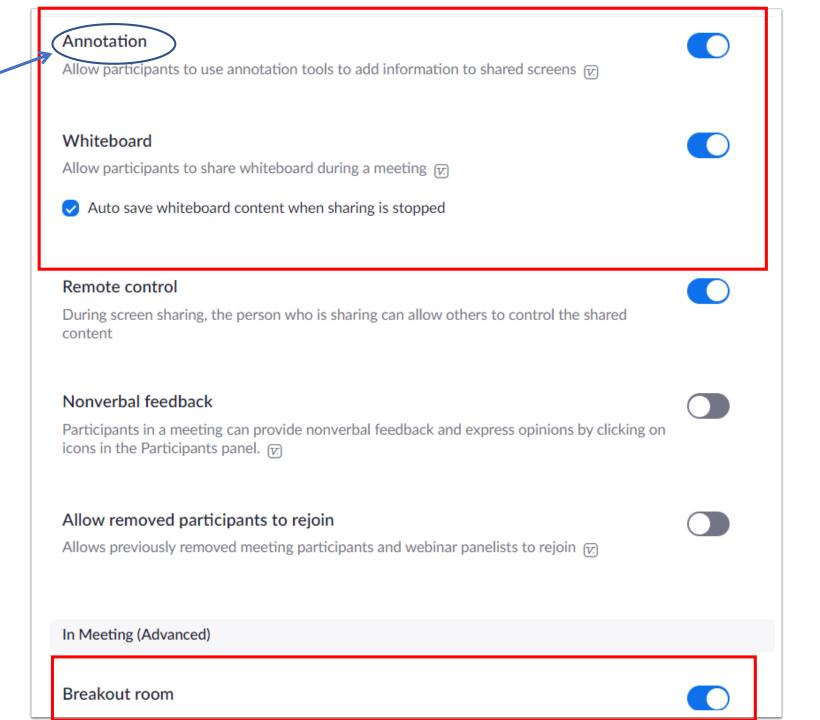
Allow **All Participants** to share screen when there are group presentations.

But change this option for individual class meetings, not here (in your account setting). Here choose **Host Only.**



Enable Annotation so you can write or draw on the whiteboard.

Your zoom account settings (6)



Breakout room Allow host to split meeting participants into separate, smaller rooms Allow host to assign participants to breakout rooms when scheduling 🕟 Remote support Allow meeting host to provide 1:1 remote support to another participant Closed captioning Allow host to type closed captions or assign a participant/third party device to add closed captions **Save Captions** Allow participants to save fully closed captions or transcripts Language Interpretation Allow host to assign participants as interpreters who can interpret one language into another in real-time. Host can assign interpreters when scheduling or during the meeting. Far end camera control

Your zoom

settings (7)

account

Set Up A Class Meeting

Schedule a meeting

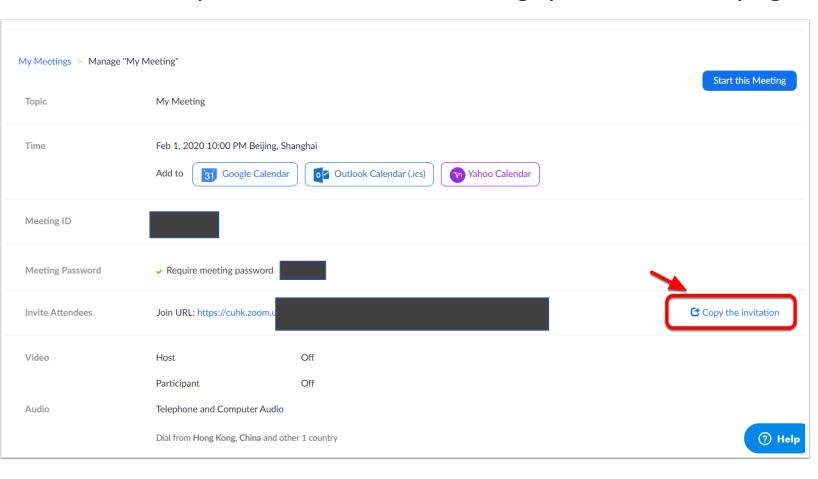
- From web portal, zoom client (computer), or email (outlook)
- Suggestions Check these Meeting Options:
 - Enable join before host
 - Mute participants upon entry
 - Breakout Room pre-assign
 - This seems a useful feature if you plan to have some group activities during your class session.
 - # of rooms = # of groups
 - You can upload <u>a group list (in csv format)</u> to zoom web portal if you already have groups in your class
 - Schedule a meeting meeting options Breakout Room pre-assign
 - Note: As the host, you can also allow zoom to randomly assign participants to different rooms during a meeting, or you can manually assign participants to rooms using their email addresses.

Pre-assign Room Name	Email Address
room1	test1@xxx.com
room1	test2@xxx.com
room2	test3@xxx.com
room2	test4@xxx.com
room3	test5@xxx.com
room3	test6@xxx.com

Room Name = Group ID

Invite your students

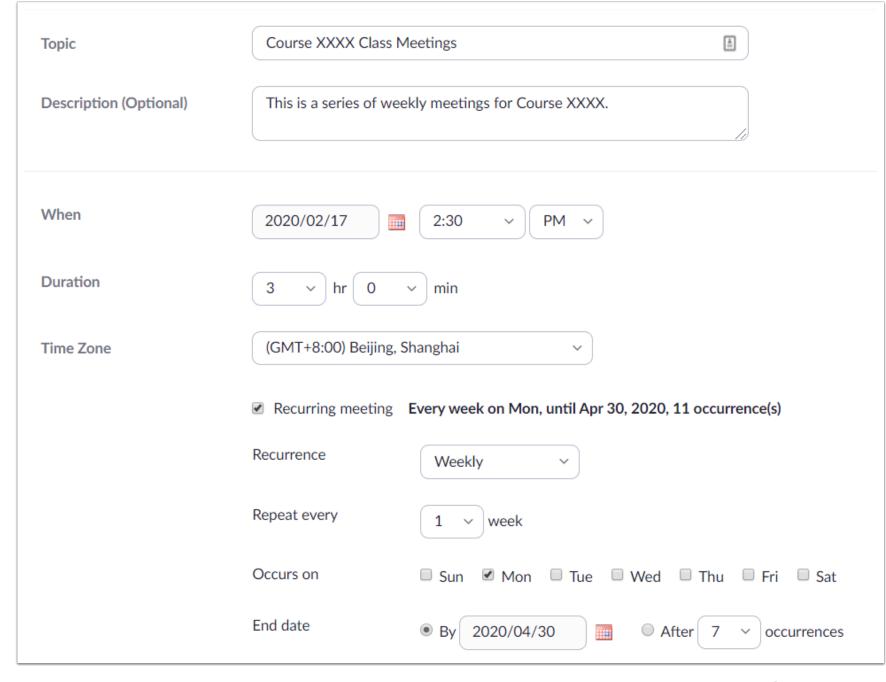
• After you schedule the meeting, you'll find this page:



- Click "Copy the invitation"
- Send an email to all students (from Blackboard or Outlook) and paste the invitation, which includes meeting time, URL, meeting ID and password.
- Students can use the information to log in your meeting at scheduled time.

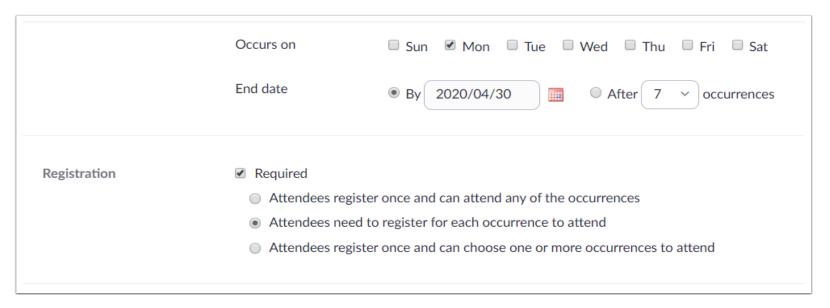
Schedule Recurring Meetings

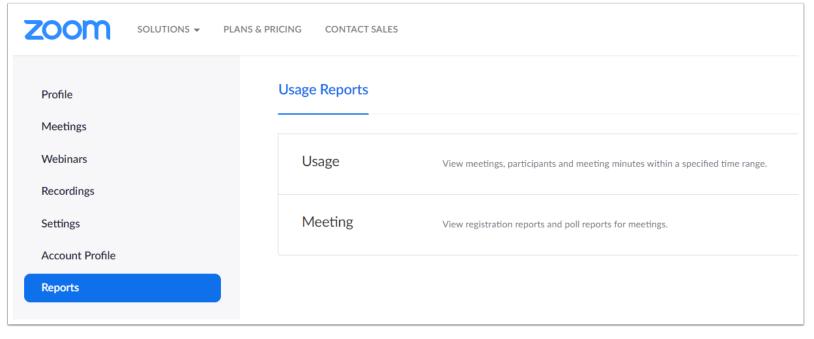
- You can set your class meeting as a recurring meeting with a fixed weekly schedule till the end of Term 2.
- The same meeting URL, meeting ID and password can be used for all the recurrent meetings.



Require Meeting Registration (Class Attendance)

- When you schedule your meeting on the Zoom web portal and require Participant Registration, the Meeting Invitation will include a link.
- Participants must first click that link, input their name and email address, and then they'll obtain the meeting URL, ID and password.
- The registration feature may help keep record of class attendance. Ask your students to register using their CUHK link email address.
- After the meeting you can see the list of participants and polling results by clicking the **Reports** tab on Zoom web portal.
- Note: Polling reports are available only when Meeting Registration is enabled.

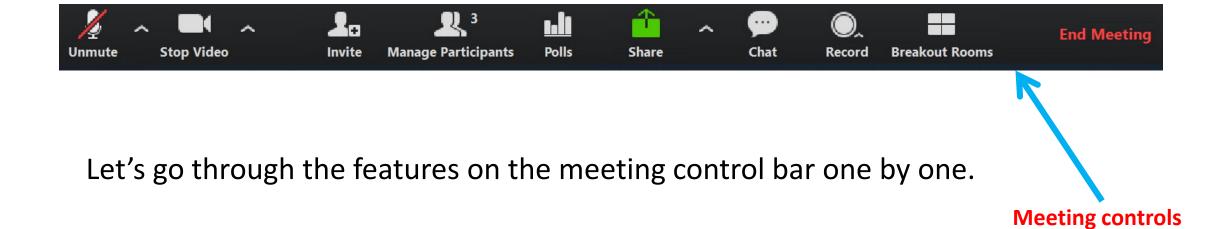




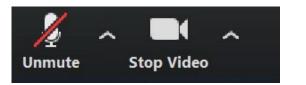
Meeting Controls – During Meeting

Meeting Controls

- Once your meeting starts, if you are the host, you'll see this bar at the bottom of your screen.
- At the top of your screen, you'll see names of participants. If their video is on, you can see them, too.





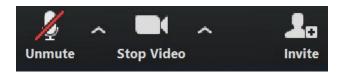


You can mute your audio and/or stop your video during the meeting by clicking these two buttons.

- Mute / unmute audio: Click the arrow and you'll see these options
 - Select a microphone
 - Select a speaker
 - Test speaker and microphone
 - When you start/join a meeting, zoom already asks you to test your speaker and microphone.
 - Switch to phone audio
 - Leave computer audio
 - Audio settings ...
- Start / Stop video
 - Select a camera
 - Video settings ... (e.g., touch up my appearance?)
 - Choose a virtual background
 - If the host and/or participants must turn on their video during meeting (e.g., for group presentation) and you or your students don't want others to see what's behind you, then choose a nice picture and make it your "virtual background" Problem solved!

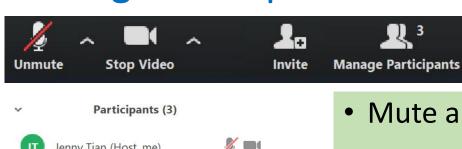


Invite



You can invite new participants during the meeting.

Manage Participants



Click "Manage Participants" and you'll see a pop-up box with the list of meeting participants

- Participants (3)

 Jenny Tian (Host, me)

 Marticipants (3)

 Jenny Tian (Host, me)

 Marticipants (3)
- Mute all / Unmute all (bottom of page)
- Move your mouse over each participant's name, click
 More and you'll see these options:
 - Chat
 - Stop video
 - Spotlight video
 - Make host
 - Make co-host
 - Rename
 - Remove

This option puts that participant's video in the center for all to see.

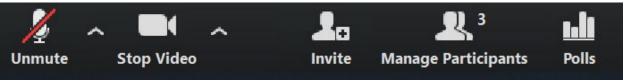
- ✓ Mute participants on entry
- ✓ Allow participants to unmute themselves
- ✓ Allow participants to rename themselves Play chime for entry/exit

Lock meeting

Lock Meeting prevents any new participants from joining the meeting.

More V

Polls



Click Polls and you'll be directed to zoom web portal. You can

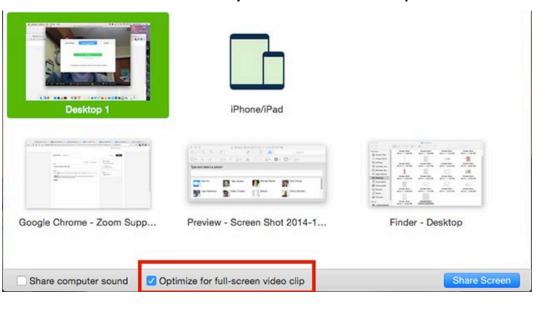
- Create polling questionings
- Save and launch polling
- See results on screen
- End polling
- Then Share results
 - Polling results will show on participants' screens
- Stop share resulting
 - Pooling results will disappear from participants' screens
- Re-launch Polling

- Polling feature can be used for quick
 MC quiz during meeting.
- If you'd like to save individual participants' responses to the poll, you must enable meeting registration when scheduling the meeting.

Share – Lecture PPT, video, webpages, etc.



Click Share Screen and you'll see these options:



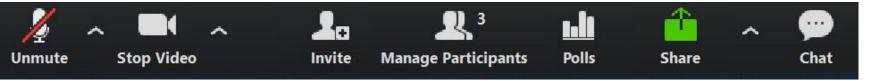
Share certain contents on your screen so all participants can see them

- For PPT lecture, please select "Desktop 1"
 - If you have two monitors, zoom will show "Screen 1" and "Screen 2" for you to choose.
 - Choose Desktop so that everything on your screen (PPT, video, web page etc. for class use) can be shared.
- If you plan to play videos from your computer for students to watch (e.g., youtube video), remember to check "Share computer sound" at bottom
- When "Optimize for full-screen video clip" is checked, your video can play in full screen.

Notes:

- Suggestion: Mute participants during meeting. If a student has questions, he/she can click the Raise Hand button and you can unmute him/her. Or students can ask questions in Chat.
- If you use Kahoot or uReply or any app that requires a student to use his/her cell phone, and the student is using cell phone to access zoom class meeting, then you might have a problem. Don't grade those activities; otherwise you'll need to inform students in advance they need to have two devices.

Chat

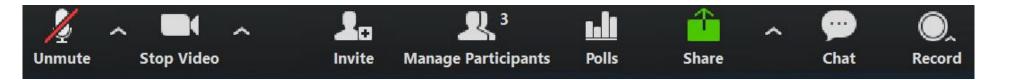


- Click **Chat** and a pop-up page appears.
- Can choose text to everyone or a participant privately.
- Click the "..." button for more options that allow attendees to chat with
 - No one
 - Host only
 - Everyone publicly
 - Everyone publicly and privately (usually choose this option)
- Many students like to ask questions in chat. So this can be a **Q&A tool.**
- You can save chat history as a text file.
- This may also be used as an indicator of class participation?

Why we need two monitors?

- Put all class-related activities on Shared Screen (Monitor 1), e.g., PPT, youtube,
 Kahoot page, other webpage
- Put everything you don't want students to see on Monitor 2, e.g., your emails ...
- And when you share screen, you may want to move Chat Box and Participant List to another screen. This way, you can watch your PPT and chat simultaneously.
- If you don't have two monitors,
 - Log in your zoom account from your cell phone, join the same meeting and open the chat box on your phone.

Record



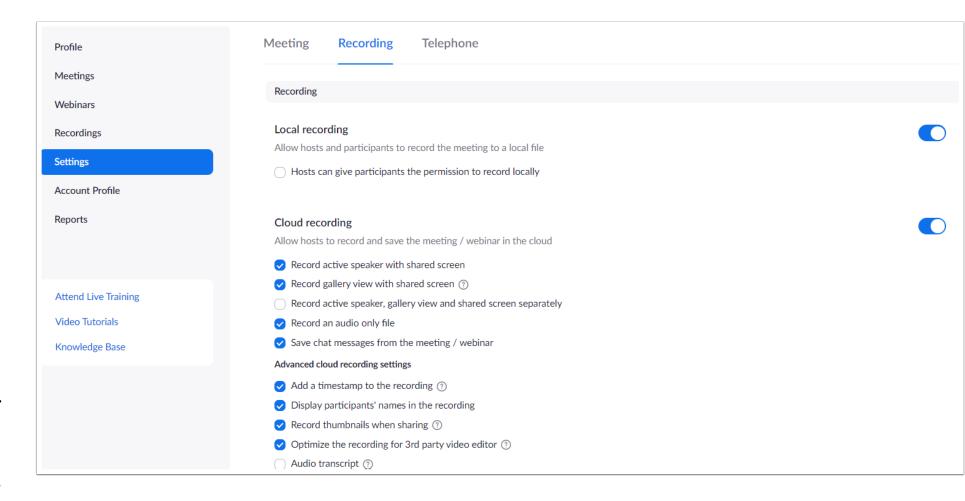
Click **Record** for these options:

- Record on this computer (recommended)
- Record to the cloud

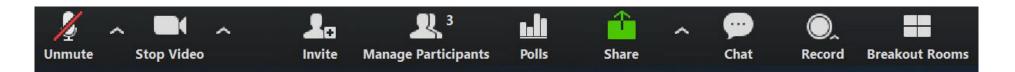
You can record your class meeting (audio and shared screen) and save as a MP4 file on your computer. Edit it if needed and then upload the recording to Panopto Video on Blackboard for students to review.

More on Recording

- Student consent is needed if you record the meeting when participant video is turned on.
- So, record audio + screen share seems better (no need to see anyone's face ☺)? (Should seek guidelines from the University / ITSC).
- Local recording seems easier to control. After the meeting, you'll find an "audio only" M4A file and MP4 video file in the <u>folder "Zoom" under "My</u> <u>Documents" in your computer.</u>
- Observation: It seems if you enable Local Recording, then Cloud Recording will no longer be available.



Breakout Rooms (For Group Discussion)



- Only the host can see Break Rooms on the meeting control bar.
- Click the button you'll see pre-assigned room list, or assign rooms during the meeting. You'll see these

options:

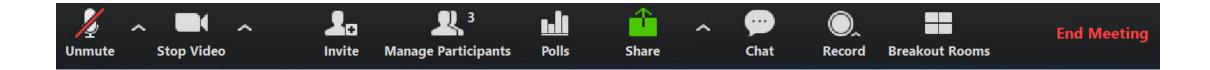
- View room assignments
- Recreate rooms
- Add a room
- Options
- Open all rooms

Click here to open all rooms for participants

- Move all participants into breakout rooms automatically
- ✓ Allow participants to return to the main session at any time
- Breakout rooms close automatically after ___ minutes
- Count down after closing breakout room, set countdown time ___ seconds

- As the host, you can <u>join</u> any breakout room and join the conversation.
- When in a room, you can click
 Leave Breakout Room (bottom-right corner) to leave the room.
- This feature allows each group to discuss among themselves.
- Participants in a certain room can <u>Ask for Help</u>, and the host will receive the message on his/her screen.

End Meeting



Participants have a "Leave Meeting" button on the control bar. The host can end meeting for all participants.

Screen Sharing (Whiteboard)

Write or Draw on Whiteboard

• In addition to sharing your screen (PPT, browser, etc.), you can also share a whiteboard with meeting participants.



To enable whiteboard,

- Enable Annotation in your account setting on Zoom web portal (We have done this in account settings).
- During meeting, click **Share** on control bar.
- Choose Whiteboard and start writing.
- This is a useful tool if you need to hand-write formulas, draw pictures, etc. in your teaching.

You can switch between Screen and Whiteboard sharing on your computer.

Group Presentation

Group Presentation

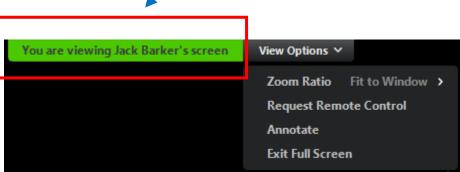
• Imagine this:

- Four students work on their group project and send their presentation material (typically PPT slides) to you.
- Four students in four different places, and they'll need to present as a group on zoom, using the same set of slides.
- Assume they present to the entire class and the teacher.

Zoom Solution:

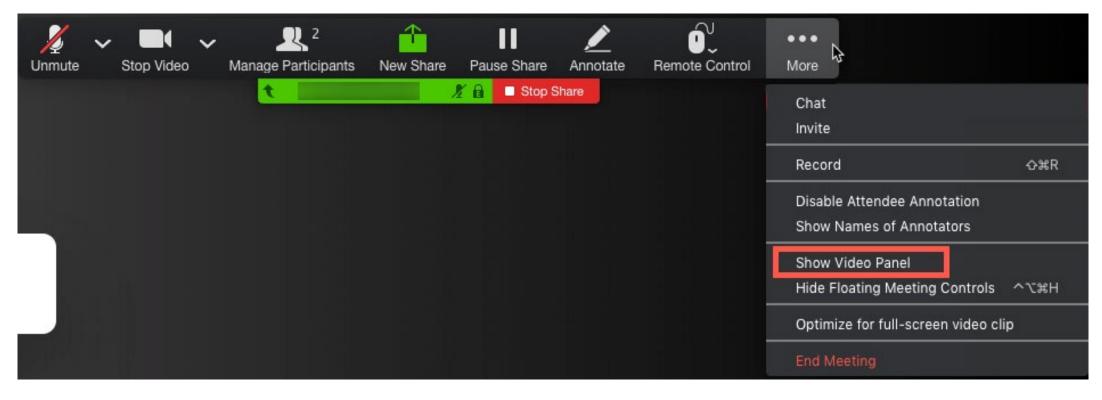
- Allow participants to share their screen during the meeting
 - Click Share Screen and choose "Multiple participants can share screen simultaneously"
- Allow at least the presenting students to turn on their video.
- One group member shares and controls the PPT. All members take turn to do their presentation.
- OR, group members can request Screen Control among themselves to move around PPT slides on one member's screen.

When a meeting participant shares his/her screen, you'll see this at top of your screen.



Video Layout Options While Screen Sharing

- Show the video panel
 - Start a meeting and a screen share
 - The participant panel will show by default, but if you do not see it:
 - Click More in the meeting controls
 - Click Show Video Panel



Video Layout Options



Active Speaker View

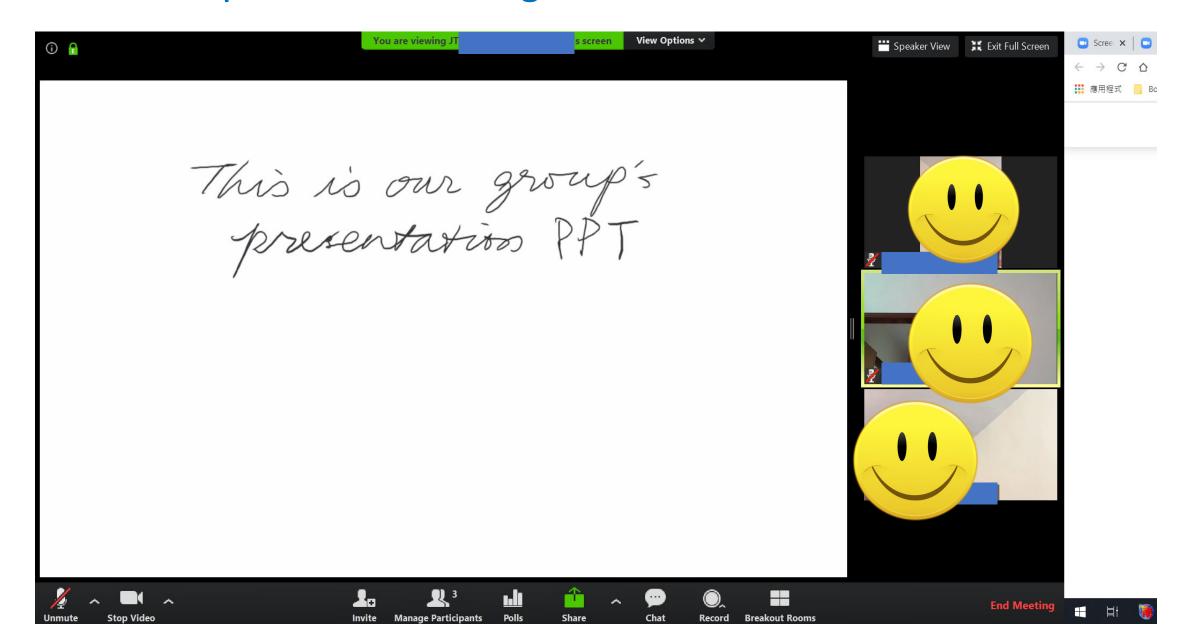


Gallery View Strip (vertical or horizontal)



Gallery View Grid

What a Group Presentation Might Look Like on Host's Screen



Thanks!