

Technical Details for ATW

For Pre-Recorded Video Submissions:

We would like to have the video in 16:9 format if possible, shot in landscape (not portrait) orientation. In order to ensure the highest quality video, we would prefer it to be in 720P resolution or higher. File format for the video is something we can be fairly accommodating on but preferences will be MP4 and then Apple Quicktime's .MOV or Microsoft's .WMV but we can also accept AVI or MPEG.

If you are shooting with a cell phone please attach it somehow to a stand or tripod so it is solidly anchored.

If you are using slides but are unable to edit the slides into the presentation, we have found the best way to overcome this issue is to stand in front of the projector screen (so that both you and the slides are visible). If you are using a presentation clicker or your computer to change slides, make sure the screen is not being blocked.

For Live-Streamed Presentations:

Option one: use a video conferencing room

The best option is for you to find a video conferencing room at your institution and make arrangements to use it for the times you are "On Air" with us here at the U of A.

Option two: use a laptop/computer

Requirements:

- Laptop/Computer
- Preferred wired LAN connection
- External Webcam and microphone (if possible)
- Downloaded software app (<https://call.lifesizecloud.com/download>)

If it is not possible to use a video conference room, you can also stream from your laptop/computer by connecting to our conference using the Lifesize app (similar to Skype but with better quality video and audio that requires a higher standard of bandwidth). The Lifesize app also gives you the ability to screen powerpoint presentations and maintain a live video of you doing the presentation at the same time. ****You will need to practice this so we set aside time to do test calls with all participants.****

If you are using your own computer, we would prefer that you **use an external webcam** with a good quality microphone (e.g. a Logitech C930). The reason we ask for this is that the camera and mic on your laptop are basic equipment offerings and are really not meant for a broadcast situation. In order to ensure better quality streaming (with less chance of accidentally dropping the call), we also ask that you **connect your laptop directly to your internet modem** using an LAN cable ([see here](#) for instructions). If possible, it is also best to **do your presentation from your institution** rather than from home. Home networks are typically not capable of uploading enough bandwidth to do video conference properly (that is why Skype calls need to be reconnected often), so if you can do the presentation from your institution you will be attached to a much higher bandwidth network.

****If you are using tech support, it might be easier to have our tech team to coordinate with yours directly. Send us your tech member's contact info and/or contact us with any questions at cmiya@ualberta.ca or kias@ualberta.ca****