

SC20 Virtual Presentation Guidelines and Requirements

Welcome to the Virtual Presentation Guidelines and Requirements document - this document provides guidance and requirements to help you create your pre-recorded content for your presentation at SC20. Please note that specific guidelines for specific types of sessions are available in later sections of this document. This document also references additional files in the presenter packet.

Please read “01_START HERE - SC20 Virtual Presenter Packet.pdf” first!

Who should read this document? Presenters who are submitting content for:

- Doctoral Showcase posters and presentations
- Scientific Visualization and Data Analytics Showcase entries and presentations
- Best Research Poster presentations
- ACM Student Research Competition Semi-Finalist presentations

This document has two distinct sections for Posters/Showcase and Presentations which pertain to poster and showcase displays vs. presentations.

Poster Displays and Showcase Entries

Conference Component Session Descriptions and Checklists

The SC20 Virtual Logistics team (virtualSC20@info.supercomputing.org) can provide assistance for Poster displays (student and research), Doctoral Showcase posters, and SciVis and Data Analytics Showcase entries.

- **Doctoral Showcase Poster Displays:** The virtual platform, CadmiumCD, has a module specifically for Posters. Submissions are to be a PDF of the poster. A presenter profile can be displayed in the Poster Module; the presenter can enter a profile including a bio and headshot at the SC Submissions Site (<https://submissions.supercomputing.org>). A “How-to” video is available to demonstrate how to record audio over your poster is available at <https://vimeo.com/405511100/eadd0b85b0>.

Virtual Content Submission Checklist

- **Submit a PDF file of your poster.** It is recommended that you record audio to accompany it via the virtual platform CadmiumCD.
- **Poster Reception:** presenters should be available in a live chat for their poster for a virtual Poster Reception, time to be determined.
- **Scientific Visualization and Data Analytics Showcase Video:** The virtual platform, CadmiumCD, has a module specifically for Posters. A presenter profile can be displayed in the Poster Module; the presenter can enter a profile including a bio and headshot at the SC Submissions Site (<https://submissions.supercomputing.org>). The CadmiumCD Poster Module requires a single PDF poster, even though your primary content is a video containing visualization of your research. The visualization video will be displayed alongside your static poster. The PDF can be a single-frame capture of your video, or you can include written material on it more akin to a traditional poster.

Virtual Content Submission Checklist

- **Submit a PDF file of your content.** It is recommended that you record audio to accompany it via the virtual platform CadmiumCD.
 - **Submit an mp4 file of your video content.** It is recommended that you record audio to accompany it via the virtual platform CadmiumCD.
- **Poster Reception:** presenters should be available in a live chat for their poster for a virtual Poster Reception, time to be determined.

Technical Requirements

- Posters will be uploaded in PDF format to the SC20 Submissions Site (<https://submissions.supercomputing.org>).
 - Poster presenters will record an optional voice-over within the CadmiumCD event harvester and separate instructions will be given to Poster presenters.
- All Scientific Visualization and Data Analytics Showcase (SV&DA) videos must be an mp4 at 1080p resolution
 - Video bitrate should be between 5-10 Mbps
 - Audio bitrate should be between 160-256 Kbps
 - These bitrates result in a properly sized file
- The filenames for posters and SV&DA videos should follow the format below.
 - SubmissionID_ConferenceComponent_PosterLastname_Firstname.pdf or .mp4
 - Note that "SubmissionID" is a unique identifier for your submission and is available in the SC Submissions Site (<https://submissions.supercomputing.org>)
 - Example Poster file: rpost112_Poster_Smith_Laura.pdf
 - Example Video file: svs106_SciVis_Jones_Frank.mp4
 - Example Closed Caption file: spostg102_Poster_Breckenridge_Bob CC.vtt

Guidelines

- You have the option to display a static headshot photograph during the broadcast of your presentation in CadmiumCD. You can upload this headshot into your profile at the SC Submissions Site; we will transfer all SC Submissions Site profile photos to CadmiumCD for you. Examples of appropriate quality photographs are provided later in this document.
- An SC20 team member will assist you with recording your audio in CadmiumCD

Poster and Showcase Presentations

Conference Component Session Descriptions and Checklists

The SC20 Virtual Logistics team (virtualSC20@info.supercomputing.org) can provide assistance for Poster presentations (student semi-finalists and best research posters), Doctoral Showcase presentations, and SciVis and Data Analytics Showcase presentations.

- **Doctoral Showcase Presentations:** Consists of a pre-recorded presentation (voice over slides), and presenters can be available throughout the initial broadcast to answer attendee questions via a live Q&A chat window. The session will be recorded during the initial broadcast and will be rebroadcast at a later time. The rebroadcast will follow the same order of events as the initial broadcast, with a new Q&A chat window. A different presenter or presenters can be available to interact with attendees in the Q&A chat window during the rebroadcast if preferred.

Virtual Content Submission Checklist

- **Pre-recorded content:** Submit an mp4 file of audio over presentation slides.
- **Run of Show document** (template is available: 08_Run of Show Template.xlsx). Use this document to describe the order of events for your presentation.

- **Scientific Visualization and Data Analytics Showcase Presentations:** Consists of a pre-recorded presentation (voice over slides), and presenters can be available throughout the initial broadcast to answer attendee questions via a live Q&A chat window. The session will be recorded during the initial broadcast and will be rebroadcast at a later time. The rebroadcast will follow the same order of events as the initial broadcast, with a new Q&A chat window. A different presenter or presenters can be available to interact with attendees in the Q&A chat window during the rebroadcast if preferred.

Virtual Content Submission Checklist

- **Pre-recorded content:** Submit an mp4 file of audio over presentation slides.
- **Run of Show document** (template is available: 08_Run of Show Template.xlsx). Use this document to describe the order of events for your presentation.

- **Best Research Posters Presentations and ACM Student Research Semi-Finalist Poster Presentations:** Consists of a pre-recorded presentation (voice over slides), and presenters can be available throughout the initial broadcast to answer attendee

questions via a live Q&A chat window. The session will be recorded during the initial broadcast and will be rebroadcast at a later time. The rebroadcast will follow the same order of events as the initial broadcast, with a new Q&A chat window. A different presenter or presenters can be available to interact with attendees in the Q&A chat window during the rebroadcast if preferred.

Virtual Content Submission Checklist

- **Pre-recorded content:** Submit an mp4 file of audio over presentation slides.
- **Run of Show document** (template is available: 08_Run of Show Template.xlsx). Use this document to describe the order of events for your presentation.

Technical Requirements

- **Required files from presenters**
 - Recording of talk or presentation in mp4 format (see the “04_How to Record Video and Audio in PowerPoint.mp4” video).
 - Alternatives to recording audio over your presentation slides via PowerPoint are to record yourself through Zoom, WebEx, GoToMeeting, or any other mechanism for recording that you choose. Remember, however, that the resulting file must be in mp4 format.
 - Closed Caption (CC) file for each presentation in vtt format (see the “05_Adding Closed Captions to Your Recording Using VTT.mp4” video) or go to <https://www.vtt-creator.com>
 - “Run of Show” document which outlines the order of events for the presentation. Presenters need only fill out the section under the blue headers (see the file “08_Run of Show Template.xlsx”)
- All presentation files will be submitted to the SC20 Submissions Site (<https://submissions.supercomputing.org>)
- All videos must be an mp4 at either 720p or 1080p resolution, preferably 1080p
 - Video bitrate should be between 5-10 Mbps
 - Audio bitrate should be between 160-256 Kbps
 - These bitrates result in a properly sized file
- The filenames for presentations should follow the format below.
 - YYYY.MM.DD_HHMM_SubmissionID_ConferenceComponent_Lastname_Firstname.ext
 - The date/time should reflect the starting time of your presentation in the SC20 schedule. All times must be in Eastern Standard Time and specified in 24-hour format.
 - Note that “SubmissionID” is a unique identifier for your submission and is available in the SC Submissions Site (<https://submissions.supercomputing.org>)
 - Example Video file: 2020.11.09_1000_rpost112_Poster_Smith_Laura.mp4
 - Example Closed Caption file: 2020.11.17_1330_spostg102_Poster_Breckenridge_Bob CC.vtt
- PowerPoint aspect ratio must be 16:9

Guidelines

- Each presentation will consist at minimum of a slide deck with voice-over. For tips on how to pre-record audio over your slides, see the “04_How to Record Video and Audio in PowerPoint.mp4” video.
 - Alternatives to recording audio over your presentation slides via PowerPoint are to record yourself through Zoom, WebEx, GoToMeeting, or any other mechanism for recording that you choose. Remember, however, that the resulting file must be in mp4 format.
- If you have slides with embedded animations or videos, it is recommended that you record your voice-over using PowerPoint as described in the “04_How to Record Video and Audio in PowerPoint.mp4” video.
- You have the option to display a static headshot photograph during the broadcast of your presentation in CadmiumCD. You can upload this headshot into your profile at the SC Submissions Site; we will transfer all SC Submissions Site profile photos to CadmiumCD for you. Examples of appropriate quality photographs are provided later in this document.
- An SC20 team member will review a sample of your audio or video recording to verify that it is a quality recording. Please note that you may be asked to re-record some (or all) of your content at a higher fidelity to ensure overall presentation quality for attendees.
- If your institution or organization has a television or radio studio, you may wish to work with them to coordinate the recording of your presentation, however this is not required.

General information Applicable to Displays and Presentations

How to get assistance

- Consult all materials provided in this presenter packet
- Contact the SC Virtual Logistics team for assistance at virtualSC20@info.supercomputing.org

Submission Deadline and Working with CadmiumCD

As much as is practicable, pre-recorded content is preferred for quality assurance. **All recorded content must be submitted by October 9th.** This includes all mp4 and vtt files as well as the Run of Show document.

All presenters are required to schedule individual appointments with a CadmiumCD Live Stream Technician. These brief appointments – approximately 15 minutes in duration – should be scheduled for 1 - 2 weeks prior to SC20. This appointment will be used to review the speaker’s technical settings with the Live Stream Technician. We will provide more information regarding scheduling at a future date.

During this appointment, a Live Stream Technician from our virtual platform provider, CadmiumCD, will perform a tech-check with all of the presenters to help you become comfortable with the CadmiumCD platform. Speakers will log into the screen-share meeting link that will be provided by the Live Stream Technician, so that speakers may practice controlling their slides, sharing their webcam, etc.

At this time, the technician will also explain the process for setup on the day of the presentation, accessing the waiting room, and the text chat communication that will occur throughout the broadcast stream. The technician may also provide tips and pointers to speakers for lighting, controlling audio quality, volume, etc.

Considerations for Recording Your Presentation

Important tips for recording on-camera and audio lectures can be found here: *6 Tips for Recording On-camera Lectures*
https://mediaspace.illinois.edu/media/t/1_1170yfvz/155841902

We encourage you to practice your presentation and record it at least once before you record it in CadmiumCD.

A few things we encourage you to avoid:

- Please refrain from stating that you are recording this presentation in your opening statements.
- Try to avoid filler words like “um” and “so.”
- Please do not simply read the words on the slides. The audience can read while they listen to your presentation.

Let the audience know that your presentation has ended:

- You are encouraged to state a clear end to your presentation such as, “This concludes the presentation and I am available for questions.” This will signal to listeners and viewers that your presentation is ending.

Key elements of a good recording space:

- Isolation from outside noise (no noise from cars, airplanes, machinery, birds, etc.)
- No household noises such as boilers turning on, air conditioners, televisions in other rooms, pets, or children
- A low-noise floor (i.e. one with a carpet or rug)
- A “dead room” (acoustically non-reflective)

Things you may need:

- A **comfortable** chair that will not make noise if you move
- A good **microphone**, webcam, headset, or earbuds, etc. Avoid using the array microphone of your laptop, which can transmit fan noise, keyboard sounds, etc.
- A **reasonably fast and quiet computer**
- **Material/Fabric:** Hanging a length of fabric on the wall behind you, or placing it beneath the microphone you are using, may help reduce any background noise by deadening the sound

Tips for a good headshot:

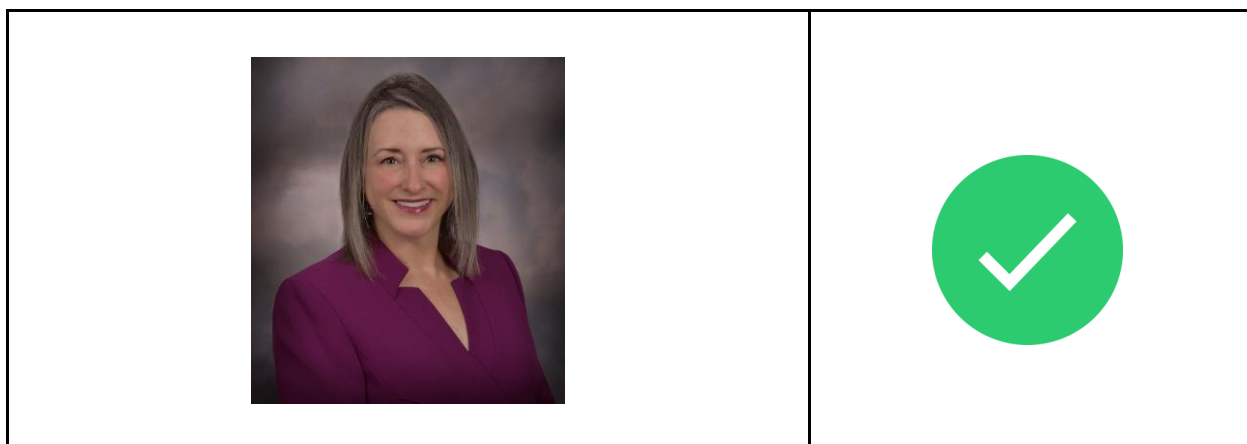
Headshots should spotlight your face rather than what you are wearing. A good headshot:

- Is framed from the chest up.
- Captures you looking directly at the camera. Eye contact is one of the most important elements of a great headshot.
- Has good lighting on your face. Beware of shadowing and backlighting.
- Is easy to see and notice even when it is small.
- Additional tips can be found here: <https://blog.hubspot.com/marketing/professional-headshot-tips-for-budget>

Examples of a good headshot:

- Head and shoulders only
- Smile
- Centered





Example of a bad headshot:

- Too far away
- Too many people
- Too dark



Additional Resources

Important tips for recording on-camera and audio lectures can be found here: *6 Tips for Recording On-camera Lectures* https://mediaspace.illinois.edu/media/t/1_1170yftzv/155841902

Creating closed captions for your video may be accomplished at <https://vtt-creator.com>.

Best Practices Documentation from CadmiumCD (folder 10_Best Practice Guidelines "from CadmiumCD)

- Best Practices for Video Recording.pdf (OBS Studio open source software is another way to record audio over your slides if you do not wish to use PowerPoint)
- How the Live Stream Works.pdf
- Inside the Live Stream.pdf

- Live Stream Speaker Procedures.pdf
- Speaker Procedures – Live Stream.pdf

Videos available in the SC20 Presenter Packet

How to Record Video and Audio in PowerPoint.mp4

How to Record Video and Audio in PowerPoint Final CC.vtt

Adding Closed Captions to Your Recording Using VTT.mp4

Adding Closed Captions to Your Recording Using VTT CC.vtt