

Guidelines to record video of presentation

We request you to prepare and upload a video of your presentation, comprising of a brief introduction over webcam, if desired, followed by voice over slides for your presentation. This is a requirement for your paper to appear in IEEE Xplore. Alternatively, you can show your face via webcam (if you'd like) and display your slides as you talk. The ways in which you can perform these recording as well as the requirements of the video (MP4 format) are detailed below. Please do not try to upload PowerPoint or PDF files.

In order to standardize the efforts in preparing the presentations we've gathered some tools that we think will make it easier to record the video. As the sessions of the conference will also be held over Zoom, we suggest that you download and install it; you can additionally use it to record your presentation. This is also the method recommended by IEEE; having the webcam over the presentation, as is done in the IEEE video tutorial in the document, on the top right corner, is recommended because it is usually an area with less content in slides. However, you have to be careful that you are not covering content on the slide with webcam feed. It should be mentioned that PowerPoint also has a record feature. We've also included some screen capturing tools, all of them are free or have a free version, and vary slightly in included features.

In order for videos to be verified by the technical program committee, there is considerable urgency in preparing and uploading your video. Accordingly, we ask you that you please finalize and upload your video by July 5th.

Upload

The videos should be uploaded using the following URL:

https://script.google.com/macros/s/AKfycbw3MsJxopZ5LS3hvhujtRr7QJl70PgZXs8E3pPQi5ceKBUq_pnY/exec

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Video Requirements:

Duration: 12-15 minutes

File size: 100MB max

Video file format: mp4

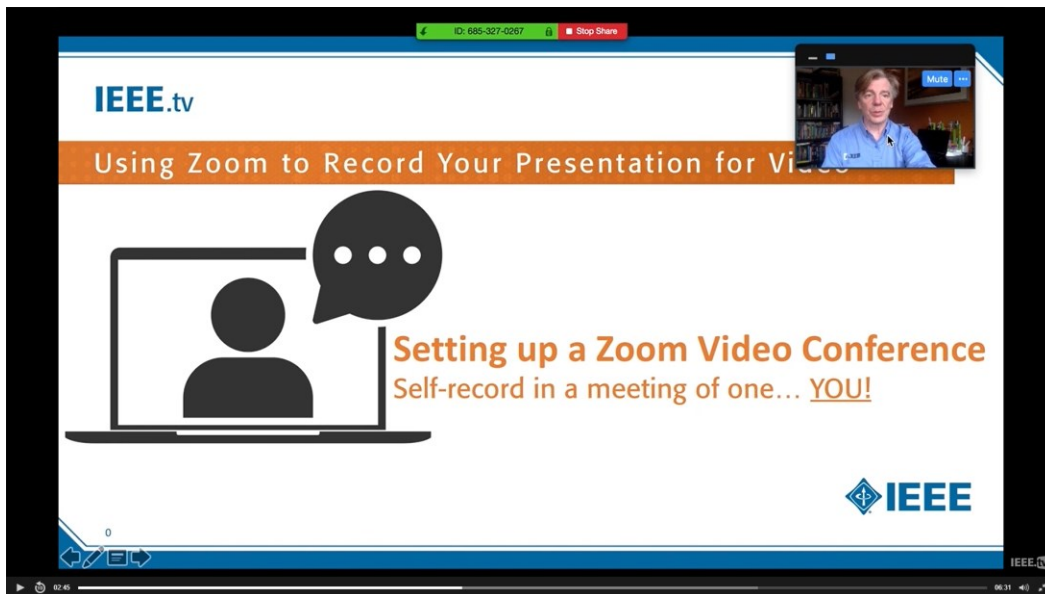
Dimensions: Minimum height 480 pixels

aspect ratio: 16:9

Please note that the videos cannot have any sort of watermark

Please that your webcam image does not overlap any significant portion of the presentation.

Audio should be perceptible, make sure there is no noise around you, or use headphones with a microphone to ensure a better audio quality.



Suggestion of presentation capture format

Recording your presentation

Zoom

<https://ieeetv.ieee.org/mobile/video/recording-your-presentation-with-zoom>

PowerPoint two step method:

- Create Voice Over Power point (<http://support.office.com/en-us/article/record-a-slide-show-with-narration-and-slide-timings-0b9502c6-5f6c-40ae-b1e7-e47d8741161c>)
- Convert to MP4 (<https://nursing.vanderbilt.edu/knowledge-base/knowledgebase/how-to-save-voppt-to-mp4/>)

Suggested Screen Capture Software

OBS (link)

- Record from screen and/or webcam
- No watermarks over your recordings or imposed time limits
- Open source and ad-free
- Low CPU usage
- HD streaming and recording
- Has a learning curve because it's a broadcaster software, but has more functionalities
- Setup might take a little while
- [Tutorial](#)

FlashBack (link)

- Record from screen and/or webcam
- No watermarks over your recordings or imposed time limits
- Well-designed interface
- Choice of output formats
- Some tools are paid-only
- [Tutorial](#)

Apowersoft Free Online Screen Recorder (link)

- Record from screen and/or webcam
- No watermarks over your recordings or imposed time limits
- Lots of export options
- [Tutorial](#)

Captura (link)

- Record from screen and/or webcam
- No watermarks over your recordings
- Open-Source and ad-free
- System Tray and hotkeys