



**Chesapeake Section of the
American Association of Physics Teachers
Spring 2021 Virtual Meeting**

Contribution ID: 3

Type: **Pedagogy**

Watching Online Videos Collaboratively

Saturday, April 17, 2021 1:00 PM (20 minutes)

There is a large collection of online educational videos for the learners at all levels. The use of online videos for instruction has skyrocketed in the era of COVID-19. While we depend on instructional videos for teaching and learning, there is evidence that students often do not watch them, or consume them passively, limiting the impact of these videos. It may be possible to improve this situation by encouraging students to watch videos in small groups, and by creating the right collaboration environment.

I have developed an ed-tech tool that allows small groups of students to meet in virtual rooms, where they can watch videos in-sync with shared controls (currently, only from Youtube). The users can also chat via text/video, as well as take notes, all from their web browsers.

While this demo is not specific to physics, the physics instructor community has been a pioneer in education research, and may have valuable feedback for the future development of this tool.

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