

# Project Poster/Video Instructions

Each team makes one poster or one video, which is worth 10% of your grade. This document gives instructions for making your poster or video. You should already know whether your team making a poster or video.

## 1. Content of your poster/video

The requirements for the poster/video are much the same as at research conference poster sessions. The purpose of a poster/video is to give the viewer (who you assume is not familiar with your work or perhaps even the general area of your work) a quick and easy-to-understand overview of your work, highlighting only the most important and interesting details. Usually this means you want to cover something like the following content (though of course you can devise your own structure):

- **Problem:** Briefly explain what problem you are tackling, why it's important, and what the existing approaches are (you might also mention the limitations of these approaches).
- **Data/Task:** Briefly explain (or better, give examples of) the data and/or task.
- **Proposed method:** Describe your main methods/techniques/models. Diagrams are generally better than text, and equations should be used sparingly (if at all). Highlight the core idea of your techniques.
- **Results:** Present your most important results. Tables containing many numbers are overwhelming. Be selective and choose just the results that convey the story you're telling. Make it clear what the evaluation metrics are, and what's being compared.
- **Analysis:** Show any plots, diagrams, examples and visualisations to provide interesting analysis. Make it clear what the reader should conclude from each figure.
- **Conclusions:** Briefly draw some main conclusions from your work. If you wish, you can outline future work.
- **References:** Posters typically have just a few references (e.g. 1-3), just for the papers that are core to the work.

Whether you're making a poster or a video, aim to make all these sections visual rather than text-heavy, clean and minimal rather than cluttered, and intuitive rather than complicated.

## 2. Poster-specific instructions

At the poster session you will be supplied with a standard poster-board (width 145cm, height 115cm), an easel, and push pins. Your poster will look best if you print it on one large sheet of paper (e.g. A0 size), but if you assemble your poster out of smaller sheets that's OK too.

Here is some advice for making good scientific posters<sup>1</sup>

## 3. Video-specific instructions

Your video should be a 3-5 minute overview of your work, covering the content described in Section 1. You could think of it as similar to a 'lightning talk' given at a research conference.

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<sup>1</sup> [https://courses.physics.illinois.edu/phys596/fa2013/Lectures/ScientificPosterTips\\_FA12.pdf](https://courses.physics.illinois.edu/phys596/fa2013/Lectures/ScientificPosterTips_FA12.pdf)

The recommended and easiest way to make your video is to make some slides, and then to record a screencast (i.e. you record the screen and record yourself talking – your face doesn't appear). There's lots of free software to do this – search online for 'screencast'.<sup>2</sup> You can make a fancier video if you like, but a screencast is perfectly sufficient.

#### 4. Submission instructions

- If your team is submitting a poster, please upload the poster as a PDF to Project poster/video on Moodle (in addition to bringing it to the poster session).
- If your team is submitting a video, please upload the video to YouTube (the video can be unlisted if you like) and upload a placeholder PDF to Project poster/video on Moodle. The placeholder PDF should just contain the URL to your video, the names of all team members, and one key visualisation that highlights the essence of your project.

For both posters and videos, it's important that you upload to Moodle so that we can enter your grade. Specific deadlines for uploading to Moodle will be announced in the course. You cannot apply for a delay to the poster/video. Make sure to list all of your team members on poster/video – only listed team members will receive credit.

#### 5. Grading

On the day, after playing videos on the screen, teams will have an alternating member(s) of their team manning the stand, with the rest of the team circulating other stands. Each team will answer questions about their project at their stand.

Grading will be based on **three** components: best presentation; most creative project; and best visualisations.

The grade for the poster/video for each team will be determined by voting. Each student will fill out a card in class (I will provide the cards), voting for each poster/video (on a scale 1-10 for each of the three components, where 10 is best), and I will collect the cards at the end of the class and calculate grades for each of the components and the overall average for the project presentation.

The voting card should be filled out as follows:

1. Your name
2. Title of the Presentation, x/10, y/10, z/10
3. Title of the Presentation, x/10, y/10, z/10
4. ...

where

- x are the points for (1) best presentation;
- y are the points for (2) most creative project;
- z are the points for (3) best visualisations.

You cannot vote for your own project. Your voting card will be disqualified!

Remember that your graders are your colleagues. Posters/videos should be easily understandable by people who are not familiar with your work.

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<sup>2</sup> For example, this is simple and easy to use: <https://screencast-o-matic.com/screen-recorder>