

# Multimedia Systems Final Project

**Presentation Deadline (Expo Day):** 3 December 2021

**Video & Source Code Deadline:** 10 December on the LML Course Manager

The fundamental motivations of this course were to provide an environment for students to both see the broader picture of multimedia research/frontiers and to have the opportunity to create an original multimedia project. We hope you have seen a broad overview of multimedia by now.

## What happens on the Expo day (3 December)?

The Expo day is intended as the demonstration period for all of your projects to the entire class.

Please remember to bring everything you need to show your live demo. When your names are called out, you will have a 10 minute slot to present with slides what you did, why it is interesting, and also a few of the key challenges you faced in addition to the live demo. Interactive demos are preferred and please expect for other students to try out the system if possible. The general idea is that you want to do a convincing demonstration of what your system does.

## What should your turn in on LCM (10 December; -1/day late penalty)?

Each student should upload a zip file containing the following:

### Checklist

**(1)** A PDF file with

- your name(s), student ID numbers, system requirements;
- a few screenshots of your project in action in the pdf,
- a clear description of which parts of the source code were written by you,
- a scientifically toned overview of what the system does and does not do.
- key challenges and how you overcame or worked around them.
- instructions on how to use your program.

**(2)** the working executable and necessary dlls;

**(3)** the source code and *\*very clear\** instructions on how to compile (you should provide everything necessary - dlls, etc.) and run your program in 302/306). If it doesn't compile in 302, we can discuss alternatives.

**(4)** a video file of less than 80MB showing your system.

The entire zip file should be less than 200MB. *If you need it to be larger, please send an email to Michael for advice.*

Both the level of difficulty and novelty of the system will be major parts in the grading; Compiling and running the program (preferably in room 302/306) will also be considered in the grading.

*It is important that all submitted final projects are open source. All media (images, audio, video) are freely distributable and also intended for the public - the goal is to share the results as open knowledge.*

Please feel free to email Michael at [lewmsk@gmail.com](mailto:lewmsk@gmail.com) if you have any questions.

Best regards,  
Michael and Erwin