

MAT 240B**HW 6: Final Project Proposal****Due Tues Feb 8th 2011, 10pm**

Write a 1-2 Page Final Project Proposal.

Topics may include:

- Adding a spatialization technique to AlloCore (DBAP, WFS, VBAP, presence filters, upmixing, etc.)
- A useful OSC trajectory control application
- Coding a multi-touch spatial source management application for the MAT touch table (spatial mixer)
- Coding a useful multichannel audio source generator (decorrelated upmixing)
- Coding a multichannel granulator
- Coding an OSC sequencer/editor for recording and modifying trajectories

Team projects will be encouraged as long as each member has a worthy, well-defined individual contribution and the whole is not much less than the sum of its parts.

In your proposal include:

- Why is this useful?
- How many sound sources do you aim to control/manage?
- Is there any relevant existing work? If so, how is this different?
- What are the means of control? (hardware, software, random, rule-based, etc.)
- How do you plan to implement this? (C++, Processing, touch table, etc.)

Keep in mind that all final projects must be accompanied by 3-5 pages of documentation describing programming techniques, software usage, and how the project stands apart from other relevant work.

Submit your proposal via email. There will be an open discussion of proposals in class Friday, Feb 11th.