

# Symposium Talks & Paper

## Time Schedule:

- April 15: Results (hardcopy of figures and/or tables)
- April 17: Title & Abstract
- **April 22: 2nd Paper First Version**
- **April 22: Symposium Talks: Rob, Sarah, Ze, James**
- April 24: Symposium Talks: Austin, Cragin, Beau, Lindsey
- April 29: Symposium Talks: Joshua, Nga, Matt, Jason
- April 29: 2nd Paper Final Version

## Information:

On our webpage

[http://www.eg.bucknell.edu/~kvollmay/caps\\_s2008/](http://www.eg.bucknell.edu/~kvollmay/caps_s2008/)

you find guidelines for your paper and talk. Under “Guidelines For Paper & Talk:” you find all hand-outs in class which are related to giving talks and writing a scientific paper.

## Paper:

The second paper will be the complete scientific paper about your main project. It will include the sections of your first paper. Use my comments on your revised versions to revise your paper further. In addition you will include now all simulation details, the results section, the summary/future section and the abstract.

## Symposium Talks:

Plan your talk to take 15-20 min (including time for questions). Keep in mind that your audience will be juniors and seniors who most likely do not have your background. Include therefore all information which is necessary to understand your project. Your talk should include

- Motivation/Background: this may be shorter than in your first talk, since you will present this time also results
- Model: be as clear as possible
- Simulation Techniques: only if necessary to understand your simulations. However, this means the rules but not the implementation (your audience might not be trained in programming). For example the Euler Step (Nga, Rob, Sarah, Matt Velocity Verlet) give the recipe how to get positions & velocities at a later time  $t + \Delta t$ , given positions & velocities at time  $t$ . What the audience does not need to know is if you used an array to be able to program the Euler step, but what the audience should know is your recipe.
- Results: This section is highly dependent on which project you are working on. Please let me know in case you like still any further help/ideas.
- Summary/Future: With about one transparency summarize your results and you may want to comment on possible future work (if we would have an infinite amount of time.)

## Help:

Please feel free to ask me for any help any time. I enjoy working with you on every aspect of your projects. I am also happy to help you with the planning of your talk. (For weekend help: 522-0120)

## Thanks:

Thanks for making this course so much fun! I would like to invite you over to our house for coffee & cake. Let's plan the date in class.