

**Computer Science 815**  
**Fall 2005**  
**Homework 3 – Compositing with Sequences**

**Due: Tuesday, 11/29/2005**

**Description**

Use Shake to create composited image sequences using combinations of live footage and computer-generated elements.

We have covered a variety of image sequence compositing techniques, some of which are as follows:

- Simple Compositing
  - live-action background with computer-generated foreground element
  - computer-generated background with live-action foreground element
  - live-action background with live action foreground element
  
- Tracking
  - live-action background with moving object and computer-generated foreground element matching that movement
  - live-action background with moving object and live action foreground element matching that movement
  
- Matchmoving
  - live-action background with moving camera and matching computer-generated foreground
  - computer-generated background with moving camera and matching live-action foreground

Please select one from each of the three lists above. Each sequence should run 10-15 seconds. You may work individually or in pairs, though more will be expected from pairs.

Please feel free to be creative with the story and sequence you produce. Try to make the final sequence appear as if it were created with a single camera. The goal of this assignment is high-quality compositing.

## Submission Requirements

You should create a web page with the following:

- your name, the date, and a title/description of this project
- a visual chronology of the project:
  - idea drawings
  - sample shots from original footage or of CG elements
  - matte images
  - tracking information
  - final images
  - links to the final movies

We will view (and critique) the sequences in class. Your grade will be based on the quality of your composited work.