



## Exercise 4

### ANIMATING AND RENDERING IN AFTER EFFECTS

*Visualization in Education: Creating Animations*

#### Preparation

Watch the tutorial video

***Animating and Rendering in After Effects***

Online: <http://www.youtube.com/user/mitartemis>

Offline: 04\_AE2\_animation.mp4 (available from the instructor)

Review template files

Beginner: if needed, use the files in folder Tutorial 4 for this exercise.

Intermediate: watch TorqueAnimation.mov for reference.

#### Animation

##### BEGINNER

Follow the workflow in the tutorial video to create keyframe animations for the opacity and position of labels. Create a mask and a keyframe animation of the mask path for the Torque label. Render the composition and play the animation outside After Effects. Save your composition file periodically, as you edit it.

##### INTERMEDIATE

Same as for beginner, but try creating the animation of opacity and position of the labels, drawing a mask for the Torque label and animating its mask path, and rendering the composition *after* watching the video tutorial. Refer only to the handout for the software options in After Effects and to the movie clip to decide what effects are needed. Save your composition periodically.

##### ADVANCED

Use your own composition to create labels and animate effects, as needed for your original animation. Refer to your storyboards to decide what effects you need/want for your movie. Play your composition in After Effects; when satisfied with the result, render the animation and play it from the desktop. Save your work!