

Weekly reports are to be emailed to [atbecker@uh.edu](mailto:atbecker@uh.edu) by 5:00pm on Tuesdays. The purpose of a weekly report is to: (1) give you text and images for your papers, thesis, and dissertation, (2) document progress, (3) identify if you are stuck or need resources.

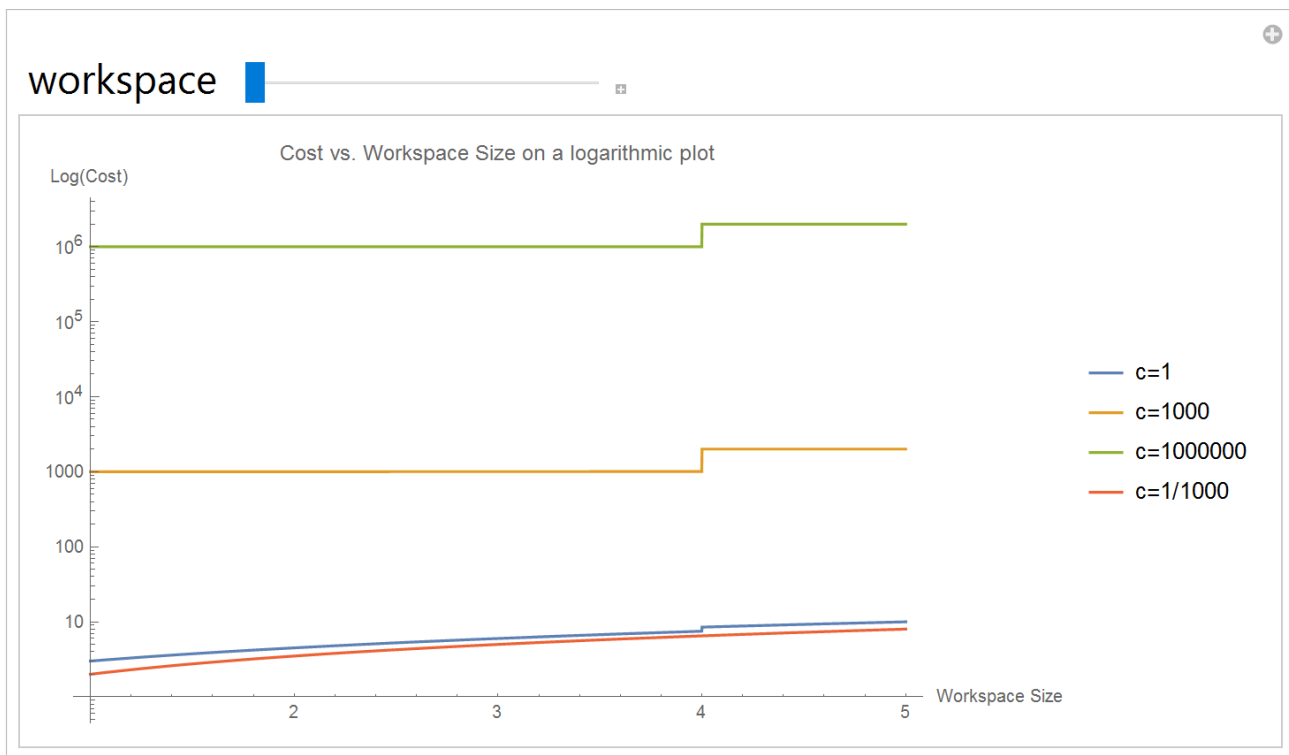
## Weekly report

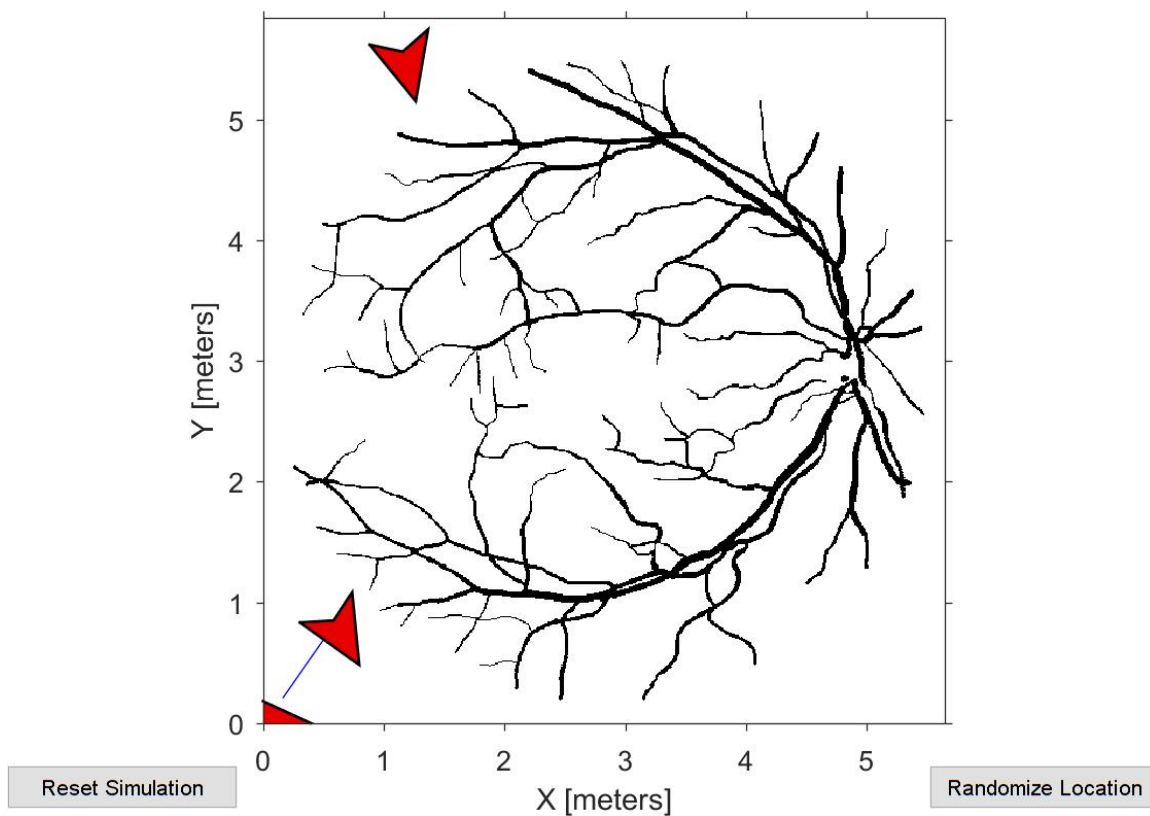
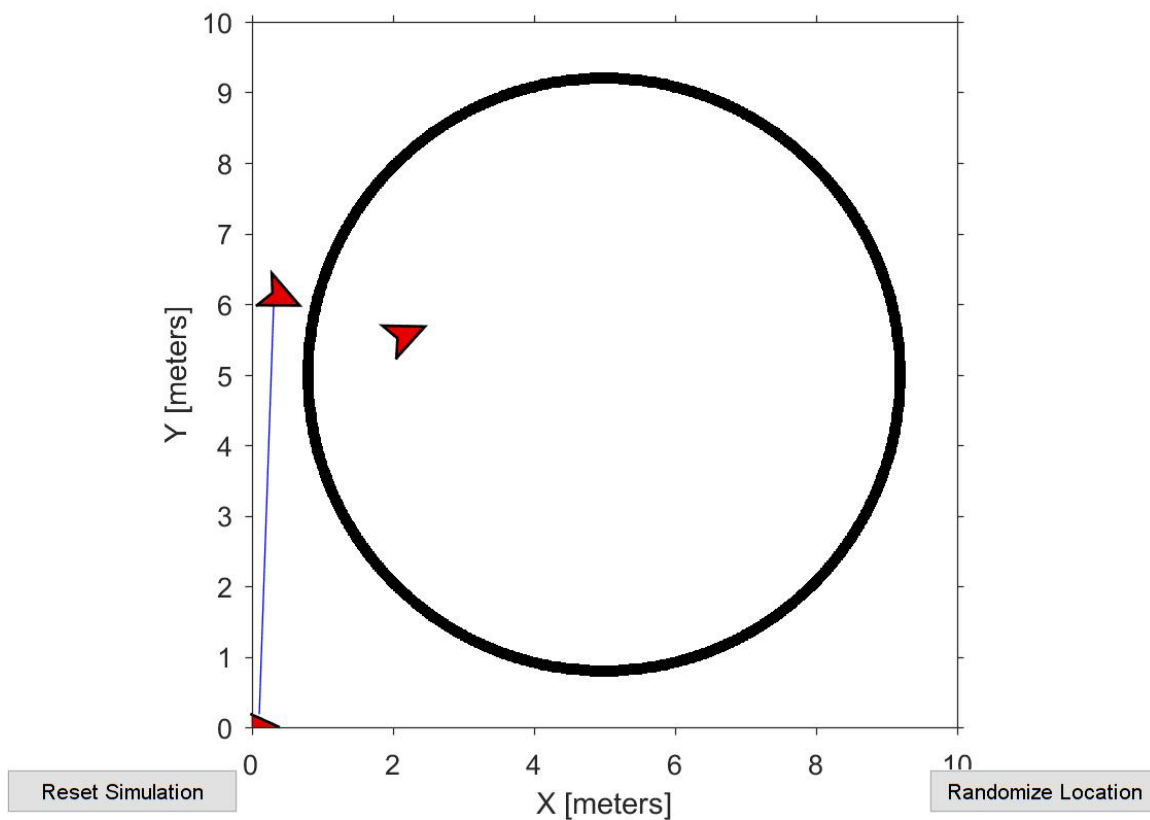
### 1. My Goals from last week

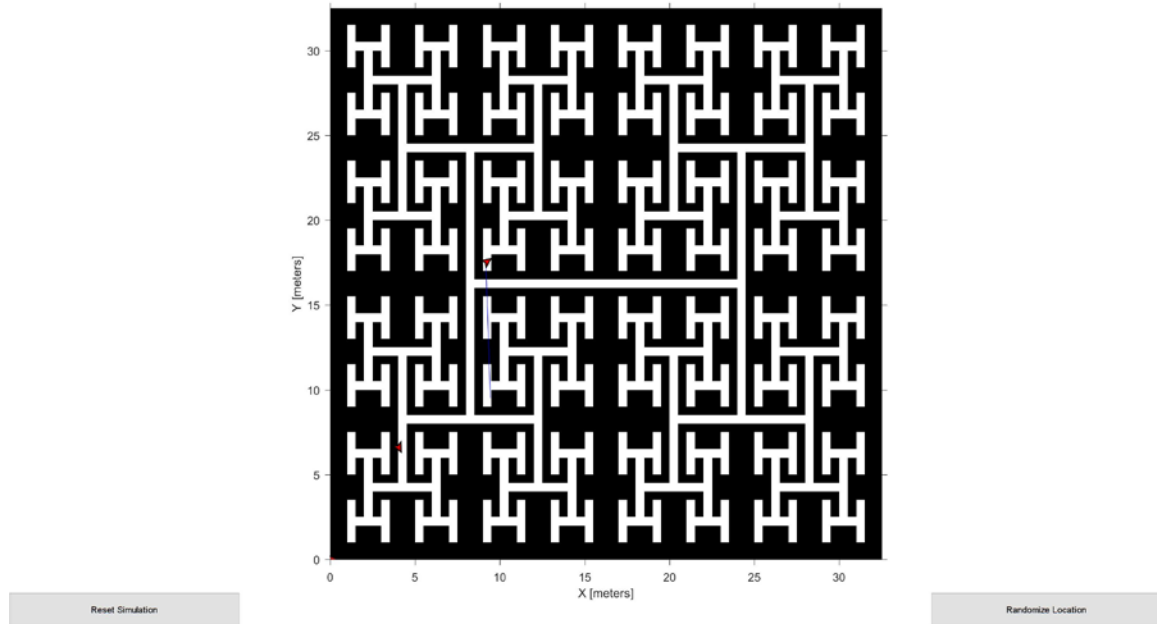
- MATLABROS
- Revise Poster Abstract
- Revise MonteCarlo Simulation

### 2. My Accomplishments this week

- a. MATLABROS
  - i. Robots appear in the workspace
  - ii. Created some new workspaces that look continuous
  - iii. Need to fix the laser scan and ROS topic connection
- b. Poster Abstract
  - i. Fixed with Centering
  - ii. Uploaded onto the RAS Papercept
- c. MonteCarlo Simulation
  - i. Animated Graphic; screenshot shown below
- d. Tate
  - i. Gave him the Convergence stuff
  - ii. Explained the Mathematica program







**Figure 1:** Examples of Workspaces for the new simulation.

### 3. My *Goals* for next week

- Revise MATLABBROS
- Wait for particles to arrive
  - a. Meeting with Dr. Becker on next Monday

### 4. What I need Dr. Becker to do:

- a. Nothing!