Weekly report

1. **My *Goals* from last week**
   - Complete Convergence Plots for Circular Portions
   - Manipulate the camera and magnetic forces on the Coil Setup
   - Manipulate robot simulations in ROS on Stage using global keyboard inputs

2. **My *Accomplishments* this week**
   a. Presented journal paper on "Planning for unreliable navigation …"
      i. https://github.com/danielbao/Miscellaneous
         1. Presentation and Quiz are available here
   b. Particle and Magnetic Coil Demonstration
      i. Camera image taken

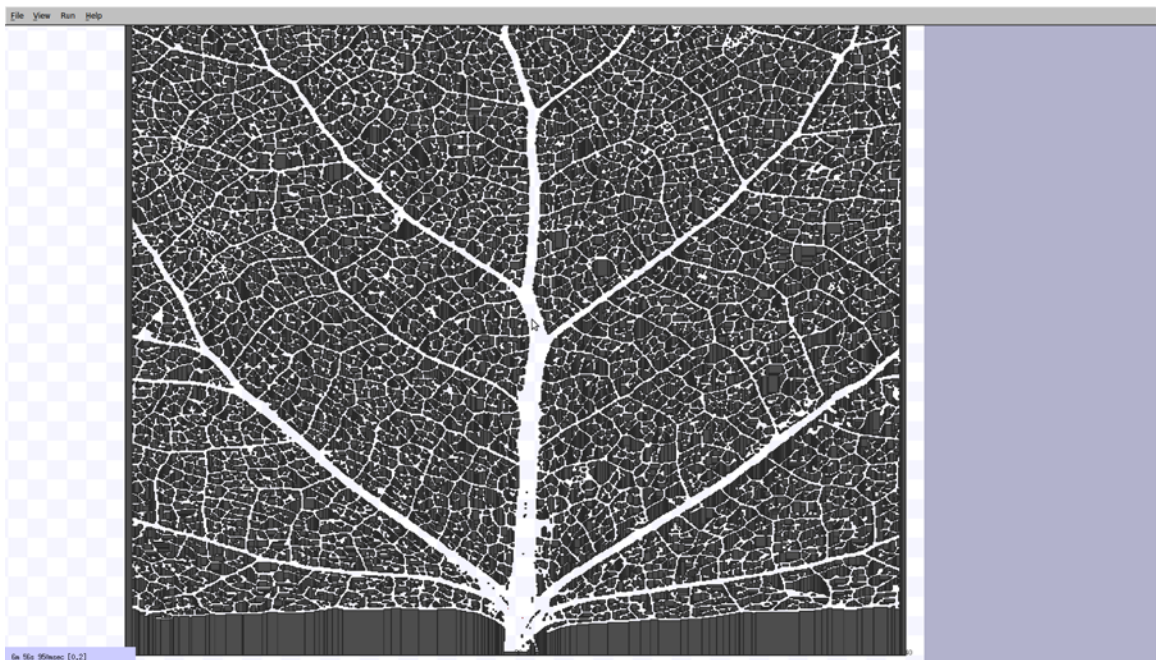
      ii.
   c. Global manipulation of swarms in Stage

Figure 1: Screenshot of the leafBig map on ROS Stage.

3. **My *Goals* for next week**
   - Redo the graphs for the linear convergence and look at the circular shape convergence
   - Complete the magnetic coil setup MATLAB code understanding
   - Modify Stage to not have exclamation points on the stalled movement.
     a. Meeting with Dr. Becker on any afternoon this week.

4. **What I need Dr. Becker to do:**
   a. Continue meeting with me!