

Weekly reports are to be emailed to 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

- 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.

### 2. My Accomplishments this week

- a. Revision of IROS paper
  - i. The github has been committed with a new tex version with the minor revisions (spelling/grammar errors) taken into consideration.
    1. <https://github.com/danielbao/IROS2017mappingParticles>
  - ii. As per your e-mail, a document was generated detailing the reviewers' comments and our responses. No responses have been made, but the formatting is complete
    1. [https://docs.google.com/document/d/1dNQg-vNkGMTx\\_KAGA6o\\_vgzkRIIfvSpdyWaYNbQQYg0/edit?usp=sharing](https://docs.google.com/document/d/1dNQg-vNkGMTx_KAGA6o_vgzkRIIfvSpdyWaYNbQQYg0/edit?usp=sharing)
    2. <https://drive.google.com/file/d/0B53HmcmRLKZzamNocEMxU2t6VFk/view?usp=sharing>
- b. Magnetic coil Setup
  - i. One of Sheryl's Polyaminos have been cut as a test example
  - ii. Angles were determined from Li's old code as to which angle corresponds to which cardinal direction
- c. CurvedVasculature Project with O'Kane and Jodine!
  - i. Svg files were figured out and cut

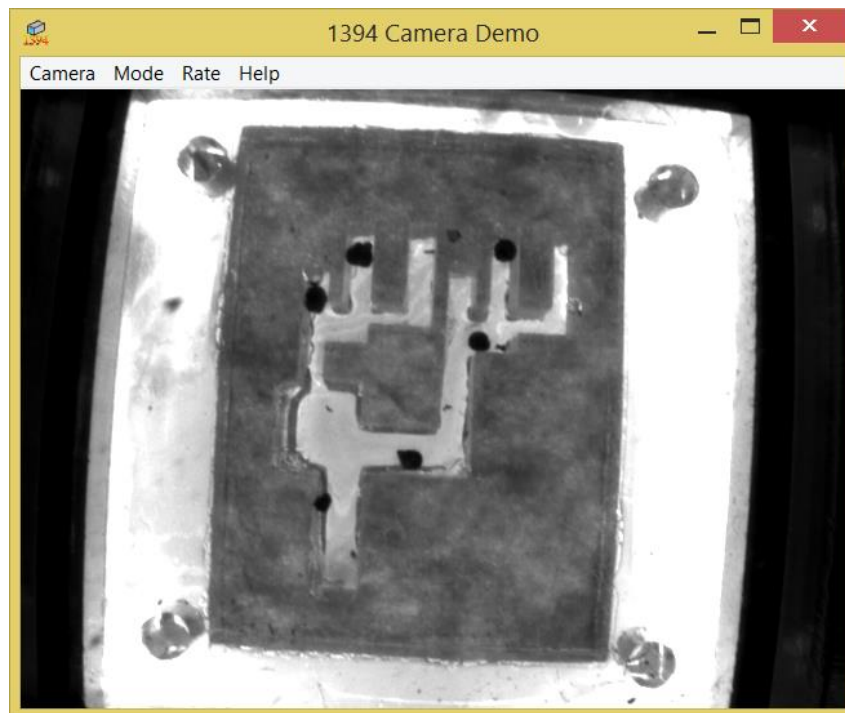


Figure 1: Screen clipping of the particles in the coils

### 3. My Goals for next week

- Start navigating the coils with better, revised code
- Revise IROS paper to be better!
  - a. Meeting with Dr. Becker when he comes back!

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

- a. Come back! (Just kidding enjoy your vacation!)