***AO-PIPE***

**Contact List:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Role** | **Email** | **Phone** |
| Alex Salmon | PhD Student | [asalmon@mcw.edu](mailto:asalmon@mcw.edu) | x2010 |
| Joe Carroll | PI | [jcarroll@mcw.edu](mailto:jcarroll@mcw.edu) | x2052 |
| Brian Higgins | Lab Coordinator | [bhiggins@mcw.edu](mailto:bhiggins@mcw.edu) | x7809 |

**Revision History:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision Date** | **Version** | **Author** | **Description** |
| 2019.05.17 | 1.0.0 | Alex Salmon | Created |

**Contents**

[Set up imaging session, sync to processing PC 2](#_Toc8997951)

[Set up AO-PIPE 2](#_Toc8997952)

[Imaging 2](#_Toc8997953)

# Set up imaging session, sync to processing PC

1. On the Savior PC:
   1. Set up folder structure as ID\_xxxxx\AO\_x\_x\_SLO\yyyy\_mm\_dd\_OX
   2. Acquire high-quality grid videos (or copy from a standard set) at all necessary FOVs and save them in ~\Calibration
   3. Run "send for processing.py"
      1. Copy and paste the path to the folder you want to sync to the processing PC
      2. You probably want to sync the folder starting at the ID, that way you don't need to do this again if you image both eyes, but both eyes need grid videos in the Calibration folder
      3. Copy and paste \\purgatory\3rd\_Circle
         1. This automatically sends all new files to the processing PC

# Set up AO-PIPE

1. On the Processing PC:
   1. Go to [\\AOIP-SERVER\Software-Hardware\AO\_Tools\Processing\AO-PIPE](file:///\\AOIP-SERVER\Software-Hardware\AO_Tools\Processing\AO-PIPE)
   2. Run live\_pipe.m
   3. Paste the path which should mirror the one on the Savior PC, e.g.:
      1. \\purgatory\3rd\_Circle\ ID\_xxxxx\AO\_x\_x\_SLO\yyyy\_mm\_dd\_OX

# Imaging

1. On the Savior PC:
   1. Start collecting images
   2. When done, create a file called "done.txt" in the folder containing the "Raw" and "Calibration" folder
   3. Wait until the send\_for\_processing script has copied over done.txt
   4. Close the "send\_for\_processing.py" window