

901809 - Deep Sea Bioinspiration

Week 50

1. Paul Roberts
 - a. Multicamera design
 - b. Chiton strobe controller upgrades

Week 49

1. Paul Roberts
 - a. Chiton strobe controller and red LED revision

Week 48

1. Paul Roberts
 - a. Ordering parts for EyeRIS/Chiton
 - b. Updating Chiton system controller

Week 46

1. Paul Roberts
 - a. optim camera control
 - b. LCM image exporting

Week 45

1. Paul Roberts
 - a. Supporting field work on Fulmar

Week 41

1. Paul Roberts
 - a. Multicamera acquisition software

Week 40

1. Paul Roberts
 - a. Multicamera testing on MiniROV

Week 39

1. Paul Roberts
 - a. Mini PoE integration
 - b. Optim camera software

Week 38

1. Paul Roberts
 - a. Optim camera deployment
 - b. MiniROV interfacing

Week 37

1. Kevin Barnard
 - a. Submitted DeepSTARia to OSM
2. Paul Roberts
 - a. Minions camera support

Week 36

1. Paul Roberts
 - a. Assisting with minions camera development

Week 35

1. Paul Roberts
 - a. Electrical support for minions camera bringup

Week 33

1. Kevin Barnard
 - a. Provided feedback for several intern and lab presentations

Week 31

1. Paul Roberts
 - a. EyeRIS computer troubleshooting

Week 30

1. Kevin Barnard
 - a. Preparing for Open House

Week 29

1. Denis Klimov
 - a. Working on an Open House layout.

Week 28

1. Paul Roberts
 - a. Chiton software and data management

Week 25

1. Paul Roberts
 - a. Intern support

Week 22

1. Paul Roberts
 - a. Chiton data ingest from CANON experiment

Week 21

1. Paul Roberts
 - a. Supporting Chiton deployment for CANON

Week 20

1. Paul Roberts
 - a. Chiton deployment for CANON

Week 19

1. Paul Roberts
 - a. Infosheets and EyeRIS data wrangling

Week 17

1. Paul Roberts
 - a. Field work work on Fulmar

Week 16

1. Kevin Barnard
 - a. Resubmitted DeepSTARia paper to Science Robotics
2. Paul Roberts
 - a. Integration of deepstream models and nvtracker into DeepSTARia vehicle control

Week 15

1. Paul Roberts
 - a. migrating DeepSTARia to new yolov5 deepstream model

Week 14

1. Paul Roberts
 - a. EyeRIS (Moore Foundation) project wrap up

Week 13

1. Paul Roberts
 - a. EyeRIS (Moore Foundation) project wrapup

Week 12

1. Paul Roberts
 - a. EyeRIS (Moore Foundation) project wrapup
 - b. Testing new ML models for DeepSTARia

Week 11

1. Paul Roberts
 - a. EyeRIS (Moore Foundation) project wrapup
 - b. MiniROV Midwater sled updates
 - c. DSPL machine vision camera testing
 - d. DeepSTARia software integration with latest CVisionAI model

Week 10

1. Paul Roberts
 - a. Midwater sled fitup and tracking testing

- b. EyeRIS (Moore Foundation) project wrapup

Week 9

1. Paul Roberts
 - a. Moore Foundation (EyeRIS) project wrapup, data wrangling, RIMS software testing
 - b. Coordination on MiniROV deployments

Week 8

1. Paul Roberts
 - a. Planning for MiniROV integration
 - b. Test tank work with MiniROV

Week 7

1. Paul Roberts
 - a. Wrapping up EyeRIS octopus paper
 - b. Testing DeepSTARia on MiniROV in Test Tank

Week 6

1. Kevin Barnard
 - a. Revised ML-Tracking paper
2. Paul Roberts
 - a. EyeRIS octopus paper
 - b. Preparing for final report and end of Moore Foundation funding

Week 5

1. Kevin Barnard
 - a. Started to rework ML-Tracking paper per feedback
2. Paul Roberts
 - a. EyeRIS camera validation and calibration for Octopus paper
 - b. Completed multicamera interface can electro/optical testing

Week 4

1. Paul Roberts
 - a. EyeRIS calibration and validation for Octopus paper

Week 3

1. Paul Roberts
 - a. EyeRIS calibration and validation in test tank
 - b. Testing multicamera interface can on MiniROV

Week 2

1. Paul Roberts
 - a. Lightfield camera validation for upcoming paper
 - b. Testing new multicamera interface electronics on MiniROV
 - c. Testing new lightfield compute hardware