

901911 - ROVVR

Week 51

1. Eric Martin
 - a. Brief meeting with ben to go over 2022 needs

Week 50

1. Eric Martin
 - a. New paper was published this week, a total of two for the year, and this one won best paper at the conference. See EC notes above.

Week 49

1. Eric Martin
 - a. Participated in a games workshop this Wednesday to strategize a concept for game development.

Week 38

1. Eric Martin
 - a. Presenting this week at Oceans2021 virtually.

Week 37

1. Eric Martin
 - a. Presenting next week at Oceans virtually a system description paper.
 - b. Reviewing the next set of edits for the VRST paper based on the test tank human trials.

Week 32

1. Eric Martin
 - a. New headset on WF for testing

Week 29

1. Eric Martin
 - a. VRST Paper Submitted
 - b. Oceans paper in final revision

Week 28

1. Eric Martin
 - a. Proposal for 2022
 - b. Writing MBARI's section for VRST, meeting Monday, submission Thursday.
 - c. Oceans paper

Week 27

1. Eric Martin
 - a. Reviewing VRST and Oceans Papers

Week 26

1. Eric Martin
 - a. Met to review finding from the HCI study, very encouraging results were presented.

Week 25

1. Eric Martin
 - a. Ran a 14 user trial last week, and early results are good, see the project updates.
 - b. My abstract to Oceans was accepted, paper will be submitted in mid-July.

Week 24

1. Eric Martin
 - a. We are working with Leila Takayama UCSC to conduct HCI trials aimed at determining the benefit of the VR system over conventional multi-camera 2D presentation.
 - b. We are using the mini and will test 14 MBARians from W-F.

Week 21

1. Eric Martin
 - a. Presented abstract on Monday to MT

Week 20

1. Eric Martin
 - a. Attended Olin SCOPE final symposium, transitioning projects to MBARI github.
 - b. Study approved at UCSC for VR HRI test tank trial, initial meeting with Leila and Ben to run tests in June, for publication in July.

Week 18

1. Eric Martin
 - a. Final presentation by SCOPE team, they were able to deploy a useful solution.

Week 16

1. Eric Martin
 - a. Submitted abstract for Oceans 2021
 - b. Prepping for tank test Friday.

Week 15

1. Eric Martin
 - a. SCOPE Meeting
 - b. Prepping for test on Mini next week

Week 14

1. Eric Martin
 - a. SCOPE Team LCM testing support.

Week 13

1. Eric Martin

- a. SCOPE meeting
- b. Getting lab set up again
- c. Revisiting VR paper for submission to Oceans

Week 12

- 1. Eric Martin
 - a. Seems like we got some good footage at octopus garden last week.
 - b. Prepping for final phase of SCOPE effort.

Week 11

- 1. Eric Martin
 - a. Prepping camera for barry expedition, changed power supply and replaces cfast cards.

Week 10

- 1. Eric Martin
 - a. Mini ROV Integration
 - b. Scope team testing efforts

Week 9

- 1. Eric Martin
 - a. Mini integration
 - b. Olin Scope team meeting
 - c. Fixed software issues on the camera control box.

Week 8

- 1. Eric Martin
 - a. SCOPE Meeting Tuesday
 - b. Working on MiniROV integration plan with Paul Roberts.

Week 7

- 1. Eric Martin
 - a. SCOPE Meeting
 - b. Initial Plan for EyeRIS and ROVVR camera integration on mini

Week 6

- 1. Eric Martin
 - a. SCOPE Meeting Tuesday
 - b. Drawing up micro plan, testing the teensy board.
 - c. Selecting a timecode generator and purchasing.

Week 5

- 1. Eric Martin
 - a. Kickoff meeting for SCOPE students
 - b. Evaluating the Teensy board for a simple ethernet controller with audio output, PTH, and timesyncing.

Week 4

1. Eric Martin
 - a. Ordered components for time sync and PTH monitoring.

Week 3

1. Eric Martin
 - a. Finished ucontroller survey, purchased evaluation modules.

Week 2

1. Eric Martin
 - a. Microcontroller selection for synchronization and camera PTH monitoring.

Week 1

1. Eric Martin
 - a. Researching available network modules for PTH measurements and digital outputs for providing a sync pulse to our videos.