

DPRG RBNV Chat Record – 6/8/2021

Note: You is Carl Ott

You

7:43 PM

We started off with Doug D describing his telepresence robot status. With it's clear plastic tub mechanics - amusing ideas surfaced. One related to Fish - which reminded me of this mobile aquarium, which drives itself around based on where the Fish inside wants to go... https://youtu.be/_GDgmP1ac_A

Doug Dodgen

7:43 PM

https://magpi.raspberrypi.org/articles/review-thine-cable-extension-kit?mc_cid=8428924461&mc_eid=1c4628435a

doug paradis

7:59 PM

Project boxes with clear top and IP66 rating from Mouser or Adafruit: \$10 - 80x110x45mm adafruit part 903, \$20 - 125x175x75mm adafruit part 905. Mouser is a DPRG sponsor.

Robots New Zealand

8:01 PM

<https://www.jaycar.co.nz/ip65-sealed-polycarbonate-enclosure-with-mounting-flange-115-w-x-90-d-x-55-h-mm/p/HB6251?pos=7&queryId=f8c836a37a0a38aeaaaf16a1d5f0016e&sort=relevance>

Karim Virani

8:09 PM

Look into beadlock wheels to prevent tires slipping on hubs

You

8:15 PM

Circa 8:10pm -> Chris N described findings wrt API to control a 'found' robotic vacuum cleaner. e.g. unique concept of this robot API exposing commands to set distance for each wheel independently - ie. a different control convention than we typically see

Harold Pulcher

8:22 PM

<https://www.youtube.com/watch?v=U9hVBAIL8fk>

<https://youtu.be/U9hVBAIL8fk?t=116>

Harold Pulcher

8:24 PM

<https://la.disneyresearch.com/stuntronics/>

Harold Pulcher

8:25 PM

<https://la.disneyresearch.com/stuntronics/>

You

8:25 PM

circa 8:21pm - Harold showed cool examples of movie industry stunt robots...

doug paradis

8:39 PM

SRS July 10th event link is <https://robothon.org/robothon-exhibition/>

It starts at 2:00PM CDT

doug paradis

8:42 PM

DALLAS 2021 Design-2-Part Show

aylord Texan Convention Center 1501 Gaylord Trail - Halls A & B Grapevine, TX 76051 June 9th & 10th, 2021 Wed., June 9 - 9:30 am - 3:30 pm Thurs., June 10 - 9:30 am - 3:00 pm

*Gaylord not aylord

Karim Virani

8:53 PM

Very motor controller 29

Vex

Karim Virani

8:56 PM

REV has a similar one at 3x price for 10x current

<https://www.revrobotics.com/rev-31-1230/>

Karim Virani

8:57 PM

<https://www.vexrobotics.com/276-2193.html>

Doug Dodgen

9:00 PM

<https://www.bing.com/videos/search?q=mars+rover+rocker+bogie&docid=608008476864051239&mid=93A691EE586CFEF410A293A691EE586CFEF410A2&view=detail&FORM=VIRE>

Ray

9:04 PM

At lowes a 1 inch square x 8 feet long tube is \$20.48

You

9:14 PM

Here's a reminder / plug for this Saturday's meetup - "Outdoor Rover Series: David Anderson on Implementing Waypoint Navigation" <https://www.meetup.com/Build-More-Robots-with-DPRG/events/278647951/>

Saturday, June 12, 2021 1:00 PM to 4:00 PM CDT

Ray

9:14 PM

<https://www.thingiverse.com/thing:4325699> case for openmv h7

You

9:15 PM

Ray - cool thanks...

Karim Virani

9:21 PM

Wire wrap not so good under vibration

You

9:21 PM

I found wire wrap even difficult to handle w/o over-flexing and breaking

You

9:21 PM

I found wire wrap even difficult to handle w/o over-flexing and breaking

Pat Caron

9:31 PM

Thanks guys...See you Saturday

doug paradis

9:31 PM

Joining the DPRG mailing List: <https://dprg.org/mail-list/>