

## DPRG RBNV Chat Record – May 21, 2024

Ray Casler  
7:36 PM  
Karim - do you have any photos of large robots you have been working on?  
Ponder SomeMore  
7:37 PM  
define large.  
Mickey Dean  
7:44 PM  
Paul, you are not recording yet, are you?  
Paul B.  
7:51 PM  
We need backup RBNV hoster/recorder for June/July/August  
Paul B.  
7:54 PM  
Dates when there is only one of Paul/Doug/Carl available? 6/4, 6/11, 6/25, 7/2 7/9, 7/16, 8/6  
Micky Dean, yes, I'm recording.  
Mike Williamson  
7:56 PM  
In general, I am available, but theater tech would bump me.  
Ooops... except all of June  
7 photons  
7:59 PM  
I have something to share if there is time.  
Paul B.  
8:04 PM  
GOLD STAR for Jon - showing Roz running QuikTrip.  
Mickey Dean  
8:05 PM  
very nice Jon  
Paul B.  
8:06 PM  
Jon showed Adam Savage's balancing robot design, and some ideas he has for building the wheels for it.  
Hey Doug - do you have any website updates to share?  
Jon Hylands  
8:07 PM  
<https://www.amazon.ca/uxcell-6811ZZ-Groove-Bearings-Shielded/dp/B082PQQH37>  
<https://www.aliexpress.com/item/1005005256800825.html>  
Paul B.  
8:18 PM  
Ray presented an idea for using a flashlight reflector to localize relative to beacons using a camera looking at the convex reflector.  
Mickey Dean  
8:23 PM  
Very Cool and fun project Jack  
Paul B.  
8:26 PM  
Jack showed a video of a drone he worked on competing and shooting water on a rover in a college contest.  
Jack worked on the computer vision part of the drone SW.  
Paul B.  
8:28 PM  
Jack related issues with a Jetson - difficult to get running, dependent on specific Ubuntu config/version.  
Jon Hylands  
8:30 PM  
I have to run - talk to you all next week.  
Blue Steel  
8:34 PM

Next Animatronic Meeting at DMS: Sunday, June 2nd, 4:00pm Animatronics Committee Meeting When Sun Jun 2 4pm – 5pm Where Studio - Creative Arts 1825 Monetary Ln #104 Carrollton, TX 75006 Details Animatronics Committee Meeting <https://dallasmakerspace.org/calendar/>

Paul B.

8:37 PM

John K said there might be a DMS social-media person at the Roborama practice on Saturday.

Mickey Dean

8:40 PM

John K. can you post that link.

for the mower

I'm jealous.

Mickey Dean

8:41 PM

Wasn't Unitree the first to get a robot that can backflip without using hydraulics?

Paul B.

8:48 PM

Doug shared a CNC router he's thinking of getting: Sain Smart 3030PROVer router

Paul B.

8:52 PM

It's on sale at present.

Doug Paradis

8:53 PM

Link to CNC router - [https://www.sainsmart.com/products/3030-prover-max?utm\\_source=Klaviyo&utm\\_medium=campaign](https://www.sainsmart.com/products/3030-prover-max?utm_source=Klaviyo&utm_medium=campaign)

Paul B.

9:00 PM

Doug showed a USB dongle that converts USB on an RPi to SATA to connect an SSD.

Mickey Dean

9:01 PM

I have killed too many SD cards on my Pi4

I think from now on I will only use SD cards for the data logging.

Mickey Dean

9:07 PM

I am glad you guys are talking about this, I know I will NEED Git but want good practices.

Please DO

Mickey Dean

9:16 PM

From what I am hearing, merging is the way to go but if you FIX your bug, the a rebase might be in order

Mickey Dean

9:18 PM

fix the bug or add the feature.

Mickey Dean

9:20 PM

isn't there a GIT ignore

good info

Mickey Dean

9:23 PM

Ty, Harold