

## DPRG RBNV Chat Record – May14, 2024

Carl Ott

7:41 PM

GOLD STAR for Jon H - ROZ walking robot doing quick trip.

keep

Pin message

Mickey Dean

7:42 PM

jon, it looks like it has RoboDog beat.

Carl Ott

7:42 PM

Jon has an IMU in the Head -> hence - >he uses the "Heading".

Mickey Dean

7:43 PM

lol

Carl Ott

7:50 PM

GOLD STAR for Doug's Hexapod walking robot.

ed mart

8:24 PM

Create docs and photos for put together and take apart for future members.

Mickey Dean

8:27 PM

I admit I was shocked to find out you guys =have been around for 40 years!

ed mart

8:35 PM

Building Your Own Electronics Lab: A Guide to Setting Up Your Own Gadget Workshop by Dale Wheat - PDF Drive

Mike Williamson

8:35 PM

I was going to talk about my status, been working hard.

Paul Bouchier

8:41 PM

Ray Casler - did you receive email from the new DPRGlist server in the last couple days, subject "why so many humanoid robots".

Paul Bouchier

8:42 PM

Mickey Dean - same question - are you receiving dprglist?

Ray Casler

8:45 PM

Yes, I did receive it.

Paul Bouchier

8:46 PM

Thanks Ray!

Paul Bouchier

8:48 PM

David Steele did you receive email from the new DPRGlist server in the last couple days, subject "why so many humanoid robots".

Mickey Dean

8:59 PM

2D is 100 bucks but 3D is 300 bucks.

I will check Paul.

Blue Steel

9:01 PM

Yes, I did.

Mickey Dean

9:01 PM

Paul, I agree with Karim that you have done AWESOME

but I do not see the email.

Paul, I will check the forums.

Paul I will definitely get back to you.

Mickey Dean

9:03 PM

Paul went back to the first of the month and nothing.

not in spam or the forums or anywhere else

Paul Bouchier

9:05 PM

Thanks Mickey. Look for email from me to try & work through the issue.

Mickey Dean

9:05 PM

Paul I was mistaken, it defaulted to an alternate email on me

I DO see it in Forums Paul

ty

Mickey Dean

9:07 PM

I will monitor my forum section closer now ty.

Blue Steel

9:07 PM

[https://youtu.be/B6BMg4B0\\_Mg?si=YvW53u2wOKLPglvr](https://youtu.be/B6BMg4B0_Mg?si=YvW53u2wOKLPglvr)

<https://online.localauctions.com/auction/5398/item/iron-ox-grover-crop-assisting-mobile-robot-retail-68738-6086832/>

Paul Bouchier

9:07 PM

OK thanks Mickey

Mickey Dean

9:08 PM

not so sure Pat... though banking is a concern in the US.

Mickey Dean

9:10 PM

they still have trouble finding banks.

Ponder SomeMore

9:11 PM

Mickey, you can self-register at <https://groups.google.com/g/dprglist>

Pat C

9:11 PM

See you guys' next week.

Mickey Dean

9:11 PM

Karim, I did get the email, just unaware it defaulted to another account

but the email Paul has is my primary email.

so, I will monitor it more frequently

Paul Bouchier

9:12 PM

Doug - Mickey is on the list. But yes Mickey - if you want to use a different email you can self-register where Doug said.

Harold Pulcher

9:13 PM

video on where I got the stuff for my 3d printed hydroponic

tower: <https://youtu.be/5VMlcasPe9M?list=PLsGaGHrjdJtqXKmG2yWVU16kTI-WdfiGN>

Mickey Dean

9:15 PM

I am not sure a Huskylens can help for mowing as much as can detection.

If you are looking for blob detection, then it is great.

Mickey Dean

9:16 PM

but I would prefer depth perception and my own training.

Oak D lite is the leading candidate for me.

Mickey Dean

9:17 PM

or a Real Sense

Mickey Dean

9:19 PM

does the husky even do depth perception?

Mickey Dean

9:26 PM

edge detection is useful.

segmentation too

but i also need depth perception.

OpenCV is a solid library for sure.

Mickey Dean

9:27 PM

ML is where it is.

OpenCV is useful for robots for sure...but ML is EVERYTHING

Mickey Dean

9:29 PM

Pis are just not good enough.

they are fine for basic OpenCV.

but you need GPUS for ML\

at least a FPGA

Mickey Dean

9:31 PM

i will start with an Oak D Lite for sure.

Mickey Dean

9:38 PM

Idoubt i will settle ONLLY on an Oak D lite. but it is solid starting point.

Mickey Dean

9:41 PM

still think camera AND LIDAR is the best options, even Elon is coming around there

Elon made a huge deal about only needing cameras, yet he quietly bought 200 million dollars' worth of LIDAR this year

Mickey Dean

9:46 PM

great question Mike

fixed focus does have issues but so would auto focus.

fixed focus can give you better distance

but if you have a stereo camera it doesn't matter