DPRG RBNV Chat Record – 5/11/2021

Note: You is Carl Ott

ed mart
9:03 PM
Vehicle dynamics
You
9:04 PM
Ed - feel free to speak up if you like
Harold Pulcher
9:20 PM
sorry folks
You
9:20 PM
no worries - we got you covered Harold
David Anderson
9:35 PM
http://www.geology.smu.edu/dpa-www/robo/20101230_rockcrawler.mpg
Iron Reign
10:05 PM
Being on a charger somewhat impacts mobility
You
10:06 PM
need original Tesla style 'wireless power"...
set up a tower in the middle of the house...
Robots New Zealand
10:08 PM
PiJuice https://uk.pi-supply.com/products/pijuice-standard
John Gauthier
10:09 PM
https://alchemy-power.com/pi-uptime-ups-2-0/
You
10:12 PM
Read more about Battery "Fuel Gauges" here https://www.ti.com/power-management/battery-management/fuel-gauges/overview.html
Tatum Mack
10:20 PM
Anyone know of a way to connect your bot to a phone. The bot would follow the phone, but gps isn't accurate enough
David Anderson
10:20 PM
http://www.hangtimes.com/triton_review.html
You
10:21 PM
Tatum - there are several ways to do that - I think some of the guys on line tonight could talk to that...
i mean - are you talking about communicating from phone to bot? or are you talking more about options for the robot to determine it's own location?

Ray
10:22 PM
It is a b6 mini from Banggood. It will do lipo lihv life nimh nicd and pb.
You
10:24 PM
David - that looked like the original Triton - I have a model after that - the ElectriFly Triton 2 EQ - and I agree - those are well made and quite versatile
Ian Potter
10:27 PM
yeah, i can do something
i can draw up somethoing that would make more sense than what i was tryingto say.
sorry, i forgot to mute while i was tying
You
10:29 PM
Ian - Very Cool - That looks like a nice approach you took. You'd find a receptive audience - we'd appreciate what you could show..
Ian Potter
10:30 PM
i'll try and remeber to do something to show everyone next week.
You
10:31 PM
nice thanks
Tatum Mack
10:32 PM
Carl- I mean from phone to bot
Carl- The user will scan a we code on the bot, then it would connect and begin following the user
Qr code*
David Anderson
10:33 PM
https://www.hyperion-world.com/en/p1005438-hp-eos0720isduo3
You
10:34 PM
Tatum - ok - I'll see if I can raise the topic - the Iron Reign team has done something similar - they have set up an Android phone to follow a "fiducial" using computer vision - and send commands to the bot platform via (I'm not sure which way they use now)
Pat Caron
10:35 PM
Really good conversations tonight! See you guys next week
Tatum Mack
10:37 PM
Carl- I don't want to use any computer vision. I want it to strictly use phone. My bot will use sonar to not bump into objects
David Anderson
10:40 PM
http://www.gobrushless.com/shop/index.php?app=ccp0&ns=prodshow&ref=LIPOMATE
You
10:43 PM

Tatum - let's open a voice discussion on this - might be easier - e.g. to understand what function will the phone do, vs. what functions will the robot do.

Ian Potter
10:44 PM

well fellas, i gotta jam. catch you all next week.

Harold Pulcher
10:48 PM

https://www.microsoft.com/en-us/makecode?rtc=1

You
10:49 PM

Karim - are you online?

You
10:57 PM

Tatum - we'll open your question as soon as this language topic winds down

Doug Dodgen
10:57 PM

OK, I won't jump on my box.

Tatum Mack
11:01 PM

I'm under 30

Tatum Mack
11:03 PM

Can't currently speak

But the bot would follow the phone not user

Tatum Mack
11:04 PM

Could be gps but that's not accurate enough

ed mart
11:05 PM

I have seen golf cart caddys that follow keyfob

You
11:06 PM

OK - so sounds like want robot to be aware of phone somehow - maybe by Bluetooth signal strength -

ed mart
11:08 PM

The Follow system In addition to the bluetooth electronics system, there are two further antennas that power the X10 Follow. Mounted on each of the rear motors, the two antennas work together to create two zones; a neutral zone and an active zone. When the handset is inside the neutral zone, the X10 Follow will remain stationary. As the handset enters the active zone, the X10 Follow's electronics system will automatically & independently alter the speed of each rear motor to keep its pace. When

Robots New Zealand
11:08 PM

Tatum, if we can't get to your question here, you are invited to the Personal Robotics server on Discord at: https://discord.gg/6RyZ7Bae