DPRG RBNV Chat Record – 4/27/2021

<with respect to John K's question / getting a Lenovo laptop w/ SSD & Win 8 (?) to boot again>

David Anderson

7:34 PM

John, also might want to look at knoppix live CD. Good trouble shooting tool.

Pat Caron

7:34 PM

https://ubuntu.com/download/desktop

Pat Caron

7:36 PM

https://ubuntu.com/tutorials/install-ubuntu-desktop#1-overview

remove your SSD first

David Anderson

7:36 PM

https://www.knopper.net/knoppix/index-en.html

Carl Ott

8:10 PM

https://en.wikipedia.org/wiki/Wheelbase

Carl Ott

8:14 PM

here's an interesting option for outdoor robots - but a little larger... https://www.amazon.com/Electric-Brushless-Conversion-Gearless-Electronic/dp/B08MTK9PGV/ref=asc_df_B08MTK9PGV/?tag=hyprod-20&linkCode=df0&hvadid=475718381184&hvpos=&hvnetw=g&hvrand=1601305989976571320&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9026796&hvtargid=pla-1162493842201&psc=1

Harold Pulcher

8:17 PM

https://www.servocity.com/6wd-mantis/

I think this is the design you are talking about.

Ray

8:21 PM

or robot buyers club??

Carl Ott

8:25 PM

Miro and Max will present on their ExoMy mars style DIY open-sourced robot project
- https://www.meetup.com/Build-More-Robots-with-DPRG/events/277646600/

Carl Ott

8:40 PM

FWIW - about the damaged liberty Bridge structure. The picture at this page shows the beam of steel that was twisted due to a fire of construction materials below it... Just imagine how hot it must have been for how long to heat up that piece of iron... https://www.post-gazette.com/news/transportation/2016/09/08/Liberty-Bridge-fire-occurred-at-most-sensitive-spot-on-structure/stories/201609080070

yeah - they said about the damaged structural piece "chord is designed to withstand 2.4 million pounds of pressure."

Carl Ott

8:43 PM

they went to the 'local hardware store' for spare 'sheet' metal - so they could 'bolt on' a structure for temporary jacks to push agains... some pics https://archive.triblive.com/local/pittsburgh-allegheny/parts-arrive-at-pittsburghs-liberty-bridge-for-fire-repair/

Carl Ott

8:57 PM

Some 'how-to' for license plate recognition in OpenCV https://www.pyimagesearch.com/2020/09/21/opencv-automatic-license-number-plate-recognition-anpr-with-python/

https://medium.com/programming-fever/license-plate-recognition-using-opencv-python-7611f85cdd6c

https://circuitdigest.com/microcontroller-projects/license-plate-recognition-using-raspberry-pi-and-opencv

Robots New Zealand

9:09 PM

Pi temperature file (5 digits, e.g., "37145"): /sys/class/thermal/thermal_zone0/temp

You

9:28 PM

wrt respect to DPRG's Aug 21 competition

https://www.dprg.org/category/news/

RoboColumbus-Plus Remote Location Guidelines and Rules Update Posted on April 25, 2021 by Robie_robot The RoboColumbus-Plus competition page has been updated with guidelines detailing how to join this year's competition from a remote location. DPRG hopes that the many friends and potential friends who can't travel to the local Dallas competition can join by setting up a remote course and using Google Meet to participate in the fun and challenges of an outdoor rover competition. The RoboColumbus

https://www.dprg.org/robocolumbus-competition-2021/

https://www.dprg.org/wp-content/uploads/2021/04/robocolumbusplus-20210423.pdf

Pat Caron

9:43 PM

Thanks guys, see you next week

Carl Ott

9:51 PM

@harold

could you share a link to that microscope?

Harold Pulcher

9:58 PM

https://www.adafruit.com/product/4904

doug paradis

10:17 PM

https://www.adafruit.com/product/4600 (QT PY board)

David Anderson

10:24 PM

Sharp GP2Y0A60SZLF Analog Distance Sensors, 10-150cm.

Chris N

10:26 PM

USB-C male connectors / break-out boards:

Xiwai 5pcs/lot DIY 24pin USB Type C USB-C Male OTG Host Type 5.1k Resistor with Black Housing Cover

https://www.amazon.com/gp/product/B07T97LC9L/ref=ppx_yo_dt_b_asin_title_o04_s00?ie=UTF8&psc=1