

DPRG RBNV Chat Record – August 20, 2024

00:01:59.732,00:02:02.732

doug paradis: Iron reign made presentations on their summer studies (Projects: simply swerve, and RoboSpyne).

00:08:00.551,00:08:03.551

doug paradis: gold star for Iron Reign

00:15:08.147,00:15:11.147

doug paradis: another gold star for Iron Reign

00:23:58.555,00:24:01.555

Mickey Dean: Jai, do you think it could climb stairs

00:29:30.913,00:29:33.913

Ray Casler: what a time to stop sniffing abs!

00:29:59.350,00:30:02.350

F3r214: <https://us.polymaker.com/products/polymide-copa>

00:40:05.078,00:40:08.078

Pat Caron: Doug P. presented a few links from the Home Brew Robotics group. From their “get me a drink from the refrigerator” contest. He described how to get the broken links working.

00:40:29.157,00:40:32.157

Iron Reign: Here's his playlist:

00:40:29.683,00:40:32.683

Iron Reign:

https://www.youtube.com/watch?v=aSwCMK96NOw&list=PLp8ijpvp8iCvFDYdcXqqYU5Ibl_aOqwjr

00:43:43.296,00:43:46.296

doug paradis: Obstacle Avoidance:

https://www.youtube.com/watch?v=aSwCMK96NOw&list=PLp8ijpvp8iCvFDYdcXqqYU5Ibl_aOqwjr

00:46:20.674,00:46:23.674

Paul Bouchier: 7:20 MikeW talked about his chaotic movement robot

00:48:45.162,00:48:48.162

doug paradis: Mike showed his new robot for operating in a theater floor.

00:52:27.549,00:52:30.549

Pat Caron: Gold star for Mike W

00:54:01.099,00:54:04.099

Paul Bouchier: Theater robot is Mecanum-based built on Go-Builda platform parts

00:56:09.575,00:56:12.575

Mike Williamson: go to next

00:57:44.464,00:57:47.464

Paul Bouchier: 7:32 Jon showed issues with 3D printed mast that broke during rough handling. The mast was 3D printed.

00:59:31.466,00:59:34.466

Mike Williamson: I think I found the problem. I placed the RC transmitter next to the PC and started talking and the Wi-Fi went bad!!

01:00:18.837,01:00:21.837

Pat Caron: Jon showed his 3d printed mount for holding the IMU pole. He has been simulating his robot falling over. He showed the damaged part and how he fixed it. He changed the orientation that he printed the part to make it stronger in the vertical direction.

01:01:05.834,01:01:08.834

Iron Reign: magnets!

01:33:54.943,01:33:57.943

Pat Caron: Paul gave a talk on connecting to remote devices using TailScale.

01:44:07.575,01:44:10.575

Pat Caron: Paul had a question about how to compete in RoboColumbus with GPS using 3 target locations vs having waypoints. He mentioned that the rules don't allow incremental control methods to top points. Doug suggested starting to go for top points, then dropping to lower challenge options.

01:48:27.584,01:48:30.584

Mark R: So, what I'm hearing, is that I need to install flotation device on my buggy? got it!

01:49:01.734,01:49:04.734

Pat Caron: Don't forget the outboard motor!

01:49:34.198,01:49:37.198

Mark R: Oh boy, I need to build a DUKW

01:50:07.769,01:50:10.769

Iron Reign: just waterproof really well

01:50:24.181,01:50:27.181

Mark R: lol

01:50:27.542,01:50:30.542

Iron Reign: good mud tires and it can drive out of the slime

01:50:42.553,01:50:45.553

Paul Bouchier: Can you use one of those golf rangefinders to establish waypoints without walking the course? :-)

01:50:50.211,01:50:53.211

Mark R: I will have good mudding tires on it for sure

01:57:49.051,01:57:52.051

Iron Reign: since we're on an honor system anyway, it's ok to delete the extra info.

02:06:09.506,02:06:12.506

Iron Reign: i gotta run. nite guys.

02:10:58.339,02:11:01.339

Pat Caron: John K showed a link to a 3d printed robot dog using servos.

02:13:04.982,02:13:07.982

Pat Caron: <https://www.unitree.com/g1/>