# AI Summary - Robot Builders Night Virtual for May 27th, 2025

**Video at** **https://youtu.be/3jr84gNdK4A**

**Key Discussion Points**

**DPRG Presentation and Activities**

- Paul Bouchier shared his plans for a presentation to the Homebrew Robotics Group, covering DPRG's activities and his experiences with the ROS2 linorobot2 project

- The presentation will showcase the Roborama contest and other DPRG contests, highlighting community engagement and technical progress.

**AI and Camera Technology**

- A discussion on camera technology suitable for robotics applications was held. Doug Paradis recommended PixieCam for basic applications, while also highlighting more advanced options like MaixCam and OpenMV.

- Michael Ivison and Doug discussed the use of Husky AI cameras versus other AI-capable optical devices.

**Competition Dynamics**

- A debate on the fairness of allowing multiple robot entries by a single competitor in contests like Sumo and Six-Can ensued. Although various views were presented, it was concluded not to limit such entries presently.

- The idea of revisiting scoring methods and rule adjustments for competitions was proposed to enhance competitiveness and fairness, including revisiting timing rules as tie-breakers.

**Technical Challenges and Projects**

- Kyle Woolsey shared progress on his robot project involving Lidar and stepper motors, discussing power distribution solutions and control elements.

- The discussion touched upon the utility of using screw terminals vs. breadboards for more reliable power connectivity.

**Troubleshooting and Website Management**

- Doug Paradis discussed ongoing challenges with the DPRG website, outlining issues with WordPress and strategies for resolution, including contemplating changes to the database management and plugins.

**Future Events and Collaborations**

- An announcement about a visit to RobotLab headquarters for the next meeting, and coordination for a RobotLAB HQ South Lake tour.

- There was a mention of a prospective work day to prepare Robie for an outreach event scheduled for Moonday in July.

**Referenced Links**

- [RobotLab Dallas](#) - Provided by Ponder SomeMore

- [XV Lidar Controller First Release](#) - Provided by Paul Bouchier

- [XV Lidar Controller Visual Test](#) - Provided by Paul Bouchier

- [StickersBanners](#) - Provided by Carl Ott

- [PCB Power Distribution](#) - Provided by Paul Bouchier