

Welcome to the Apr 2023 Meeting of the Seattle Robotics Society



Recording Starts at 10AM PT



Video Provided by Zoom



- We record our meetings and post them to Youtube later.
- We'll follow the agenda below.
- Suggestions and ideas for improvement are welcome.

Welcome

Club Business

Events of Note

Today's and future Presentations

Robothon Updates

SRS Robot Kits

Round-the-Virtual Room ← Save your sharing for here

Other items

--Short break (~10 mins)

Presentation

Conclusion

Robotics Discussion (not recorded)





Sharing Info and Links



Please **mute** your mic unless you are actively sharing.

Use the ZOOM Chat to ask questions, make comments, post links, and any other information you wish to share during and have posted after this meeting.





Club Business



The new FIRST Washington venue is located just south of the old facility in Kent, WA.

New Facility Address: 22462 72nd Ave S., Kent, WA

The SRS may start meeting at the FIRSTWA facility later this year, perhaps in June. The website will be updated with this information when things solidify.





Club Business



I'm hosting these meetings from Idaho since we moved here. I'll continue to run most monthly Zoom meetings, schedule presenters, and update the website. In-person meetings, when they resume, will have to run by someone else. Lloyd Moore will be the local guy but he'll need help running the in-person meetings.



SeattleRoboticsSociety@gmail.com





Club Business



Occasionally I need a substitute meeting facilitator who can run these meetings in my place. I'll prepare the slides and connect with the presenter so I'm just looking for a few people who I can contact to run the pre-made slides and keep you all on track. Please connect with me at the club email below.



SeattleRoboticsSociety@gmail.com





Club Business



In-person meetings will be streamed for the benefit of those who can't attend in person. Increased meeting setup and logistics will need assistance from 1-2 other people at the meetings to help run the equipment (computers, cameras, etc.).

Can we count on y'all? Contact us at **SRS email**.



SeattleRoboticsSociety@gmail.com



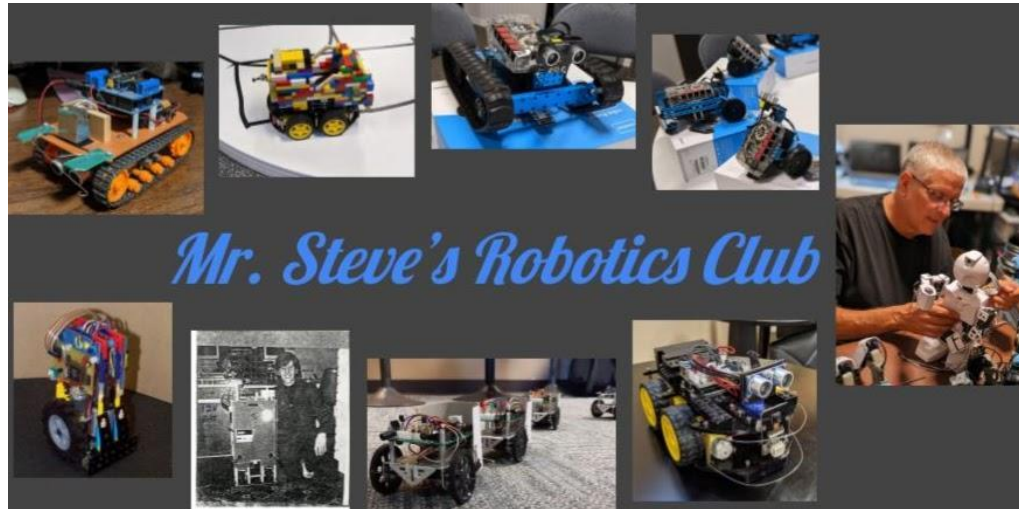


Kids Robotics Classes



I teach virtual weekly, six-session, fee-based robotics classes with **Middle School** children (10-13) using the [Makeblock mBot Ranger kit](#). If you are interested, reach out to me at my special

email: Mr.StevesRoboticsClub@gmail.com



More Info





Events Coming



- [Battling Robotics Monroe](#) April 15-16, 2023
- [Robot Combat League National Championship](#)
May 5-7, 2023
- PopCan Challenge 5/6/23 at Seattle Cntr. Armory
- [RoboMaster NA](#) July 7-9, 2023 at UW HUB
- See [Robot Events website](#) for national events
- See [RoboGames in 2023](#) in [Pleasanton, CA](#)
- Meetings at [SnoCo Makerspace](#) in Snohomish





Robothon Committee



Next ROBOTTHON event in 2022



Lloyd



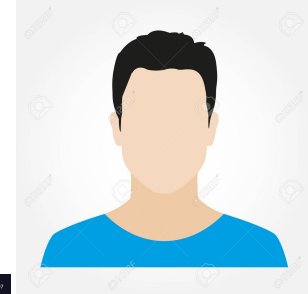
Donna



Bob



Rob



Dave

Robothon Virtual Exhibition #4:
June 10, 2023 noon-3pm PT

RoboMagellan+ In-Person Event
Sep 9, 2023 Sunnycrest Elem Sch.

Robothon.org





Solicit Presenters



- Invite online presenters from anywhere.
- International presenters might need alt. mtg time.
- Check the time zone of presenter.
- Include the SRS email address in the cc: line of any correspondence.

CONSIDER...

- Presenting on one of your projects.
- Leading a facilitated topical discussion.
- For example...



SeattleRoboticsSociety@gmail.com



Open Discussion Forums



1. Medical Diagnosis by Computers Instead of Doctors
2. Robot Mobility Systems (Locomotion technologies)
3. How Robotics Helps People Function/Live/Connect
4. Interesting Robot Sensor Technologies
5. Novel Applications of AI chatbots
6. What About the Growing Skills Shortage?
7. Virtual/Augmented Reality
8. Autonomous Vehicles
9. Electric Vehicles & Technology
10. Any Other Topics: Send ideas to the email below:

SeattleRoboticsSociety@gmail.com





2023-2024 Presentation Plan



Apr - Derek Wang: Advanced Robotics of the UW

May - Charlie Xiao: *World's Highest Jumping Robot*

Jun - Tentative: *Prof. Daniel Goldman: CRABLab at Georgia Tech*

Jul - Chas Ihler: *Battery Technology for Robots*

Aug - Ankit Goyal: *IFOR*

Sep - *Prof. Jaken Thanga: Robot Swarms & Systems of Systems*

Oct *Michael Franklin Reynolds: Microrobotics, Nanobots, etc.*

Nov *presentation: open*

Dec *presentation: open*

Jan 2024 presentation: open

Feb *presentation: open*

Mar *presentation: open*



Post-Meeting Virtual Robotic Discussions

After the meeting, but not recorded.





Round-the-Web

Have Something to Share?



- Who has something to share?
 - [OpenMower \(5:20\)](#)
 - [Cute Stubby Willow X Outdoor Robot](#)
 - [Carbon Robotics weed zapping robot](#)
- Wrap up by ~11:00 PT w/7min break b4 presentation.
- **Presentation to start by 11:05 PT**
- Adjourn Meeting around 12-12:15 PM or so
- No Virtual Robotics Discussion this month

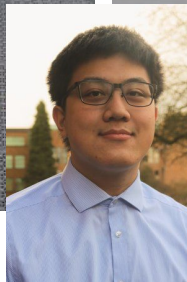
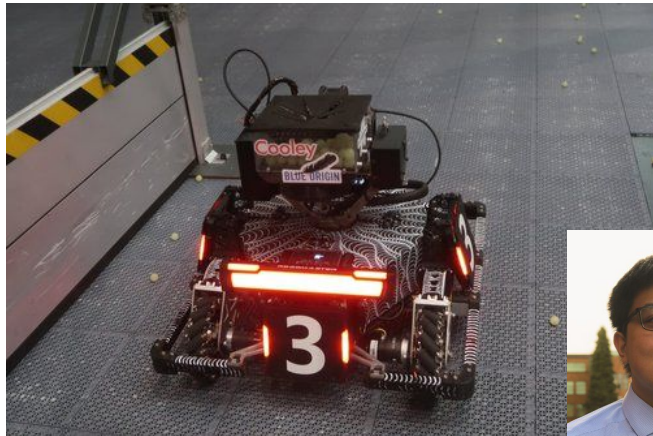
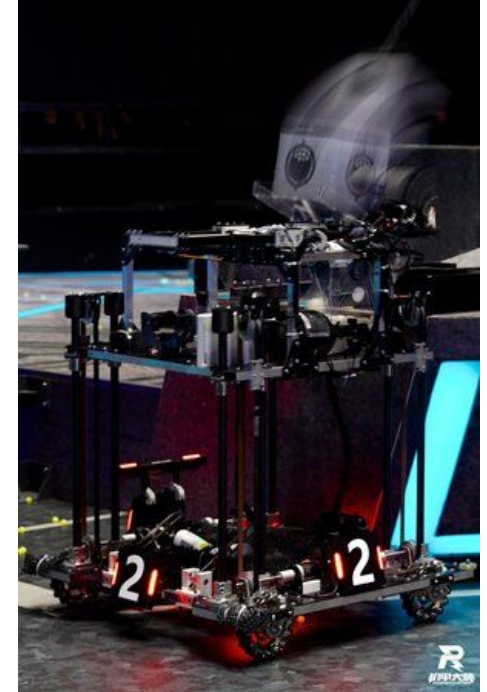




<<TIME>>



Presentation coming up shortly...
“World’s Highest Jumping Robot” by Charlie Xiao



CW from top Left:
HERO, DRONE, ENGINEER, DART SYSTEM, SENTRY, STANDARD



Before Break Review for Next Month



- Same ZOOM link next month
- Meeting recordings will be posted to website soon
- Check SRS website for upcoming meeting details
- Help me find presenters:
- Send meeting feedback to:
 - SeattleRoboticsSociety@gmail.com
- **Thank you for sharing in the Chat!**
- The presentation is coming in about **5-7 minutes**



