

# Welcome to the Oct 2021 Meeting of the Seattle Robotics Society





# Video Provided by Zoom



- **We record our meetings and posting them to Youtube.**
- Please mute your microphone unless you have something to share.
- Send info to share & capture into the Zoom Chat.
- We will follow the typical agenda below.
- Suggestions and ideas are welcome.

10AM - 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

Optional workshop (unhosted)





# Sharing Info and Links



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

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





# Club Business



FIRST Washington should select a new location soon. Probably located between Kent and Tacoma. We hope to restart in-person meetings in their new facility.

The Robothon, SRS Meeting, and FIRSTWA equipment is in storage for now.





# Club Business



I'm toying with a meeting venue idea to meet in a church's fellowship hall in Burien temporarily. Room could easily hold 50 people. They have WiFi, large wall TV, round tables, plenty of chairs, restrooms, etc. I need to investigate the details.

How many of you folks would attend?





# Club Business



Online access to our meetings is planned once we start gathering in-person. This will increase the meeting setup and logistics considerably so I will need assistance from 1-2 people at the meetings to run the equipment (computers, cameras, etc.).

Can I count on you all? Contact me at **SRS email**.

[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)



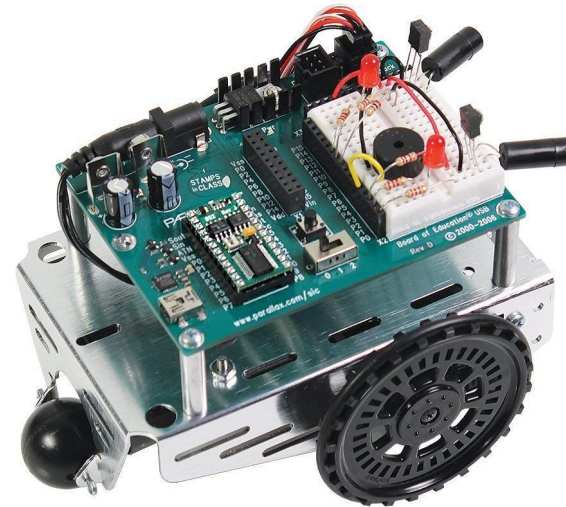


# Kids Robotics Classes

## SRS Community Outreach



I will be doing a weekly robotics class teaching robotics to Jr. high kids at a church in Burien again this year.





# Drive Electric Week

- September 25th through October 3rd
- I attended a live event in Mill Creek on Sept 25th
- [My Photos](#)
- Visit <http://DriveElectricWeek.org>







# Presentation Coming Up Shortly...

Rover Robotics - Wayzata, Minnesota

Nicholas Fragale - Co-founder & CEO



PRO COMPATIBLE

ZERO COMPATIBLE



PRO COMPATIBLE



[RoverRobotics.com](http://RoverRobotics.com)



# Please Solicit Presenters

- Invite online presenters from anywhere in US.
- International presenters possible w/alt. mtg time.
- Include the SRS email address in the cc: line.
- Send out as many requests as you can.
- Consider presenting on your projector.
- Consider leading a facilitated topical discussion.

[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)





Coming Presentations are posted on SRS Homepage

We're always interested in ideas, suggestions, feedback, on/for presentations & help to arrange them. Talk to people. Invite them to speak. Send me contact info for actual scheduling.

Feb 2022 will be a one-time afternoon meeting 3-5pm PDT to accommodate a presenter from Japan.



[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)





# 2021-2022 Presentation Plan



Oct - O/L, Nicholas Fragale, Rover Robotics

Nov - O/L, Jennifer Buehler: Hetero. Multi-Robot Sys.

Dec - O/L, Can Altineller: ROSRider and FXIMU boards

Jan - O/L, Miro Voellmy: ExoMy 3D Printed Mars Rover

Feb - O/L, Yukata Kondo: ROS2 Robots & Manipulators

**Special, One-Time Meeting Adjustment: 3-5pm PST**

Mar - O/L, James Newton: Dexter Robot Arm

Apr - O/L, Facilitated Discussion, Topic TBA

May - O/L, presentation: open

June - O/L, presentation: open

July - O/L, presentation: open

Aug - O/L, presentation: open

Sep - O/L, presentation: open

**[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)**



# Open Discussion Forums



Could be Used to Fill Some Time before VRE

1. What About the Growing Skills Shortage?
2. Medical Diagnosis by Computers Instead of Doctors?
3. Interesting Robot Sensor Technologies
4. Robot Mobility Systems (Locomotion technologies)
5. Virtual/Augmented Reality
6. Autonomous Vehicles
7. Electric Vehicles & Technology
8. Other Topic ideas to email below:



[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)





# Robothon Committee



Next ROBOTHON event in 2021



Lloyd

Donna

Bob

Rob

Dave

Virtual Robothon Exhibition debrief

Was July 10th Noon~3pm PDT

2nd Event is on Nov 13th



[Robothon.org](http://Robothon.org)



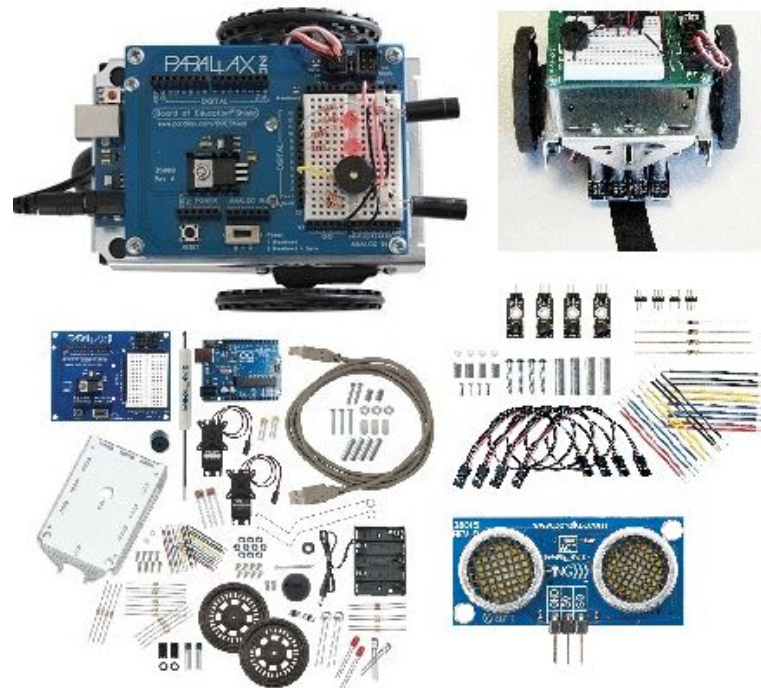


# Interested in Purchasing a Workshop Robot Kit?

## Arduino UNO-based

Kits can be ordered for purchase for **\$125** cash, check, or card (preferred). Need to arrange meeting to pay & for delivery.

Please use your kit(s) to support club activities and contests. Come to the workshops. Bring your robot to future meetings.



[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)









# Virtual Robot Discussions/Workshops

- The ZOOM meeting can continue as long as there's interest.
- They can happen monthly, following the regular meeting.
- We'll continue to host them for as long as folks are interested.
- **Workshops will NOT be recorded.**





# Round-the-Web

Have Something to Share?



- Who has something to share?
- Wrap up R-the-W by 10:55-11:00 PDT
- 10min break before presentation
- **Presentation**
  - Questions and information
- Meeting adjourned
- Virtual Workshop this month?





# B4 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:
  - [SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)
- Send meeting feedback to:
  - [SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)
- **Thank you for sharing in the Chat!**
- The presentation is coming in about **7-8 minutes**





# Presentation Coming Up Shortly...

## Rover Robotics



## Nicholas Fragale - Co-founder & CEO



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