

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





# Video Provided by Microsoft Teams



- Please mute your microphone unless you have something to share.
- Send messages to everyone via the Teams Chat.
- We will follow the typical agenda as best we can.
- Suggestions and ideas are welcome.

10AM - Welcome

This month's video

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 (5-10 mins)

Presentation

Conclusion

Virtual Robothon at 1PM





# From the Web...

## A little taste of what's coming later



[These American workers are the most afraid of A.I. taking their jobs](#)



# Club Business



[SeattleRobotics@YahooGroups.com](mailto:SeattleRobotics@YahooGroups.com)

is now

[SeattleRobotics@Groups.io](mailto:SeattleRobotics@Groups.io)

Verizon shut YG down for good on Dec 15, 2020



Please join  
[SeattleRobotics@Groups.io](mailto:SeattleRobotics@Groups.io)





# Club Business

I need backup meeting leaders willing to run MS Teams which will continue to mid-year.

Contact Steve K at

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





# Club Business



FIRST Washington will vacate the Fieldhouse as the end of January. They will select a new location in the fall, so when in-person meetings start, we *may* need a new venue. We'll stay in touch with them so perhaps we can meet in their new venue when and where they eventually get it.

We have one 4'x8' pallet with Robothon & SRS Meeting equipment pallet stored on it.





# Dallas Personal Robotics Group (DPRG) Online Contests



Meetup Page for Contest last month.  
They will probably do more.

<https://www.meetup.com/Build-More-Robots-with-DPRG/events/274705058/>

Carl Ott

DPRG President - mobile: +1 972 765 2676

<https://www.dprg.org/>





# Kids Robotics Classes

## SRS Community Outreach



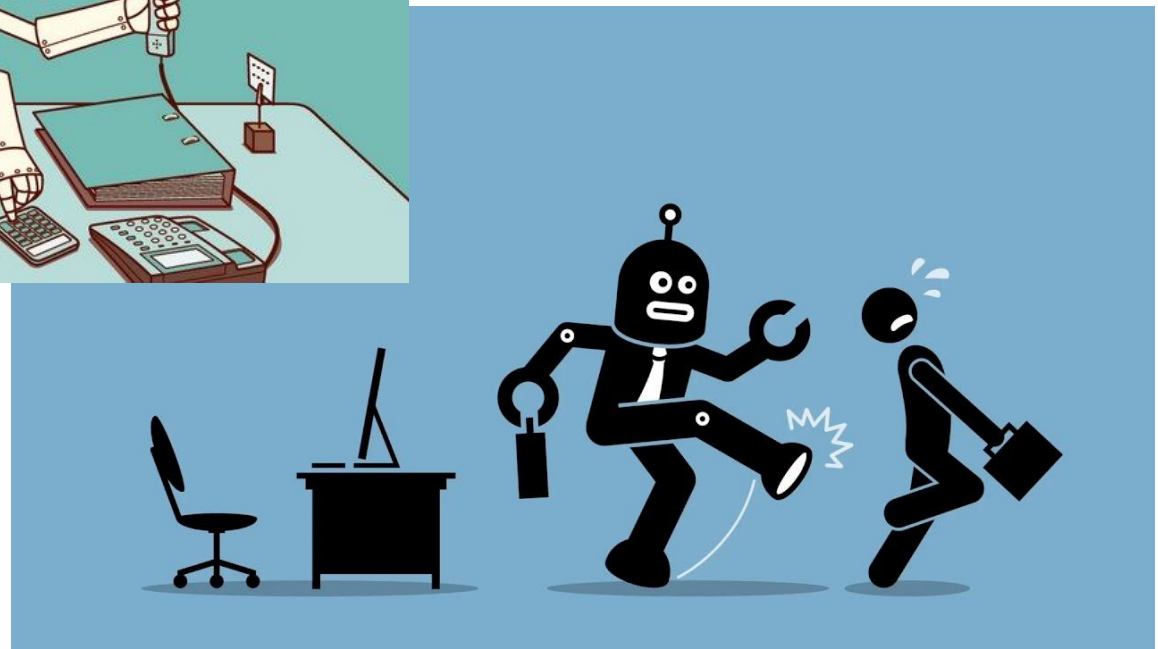
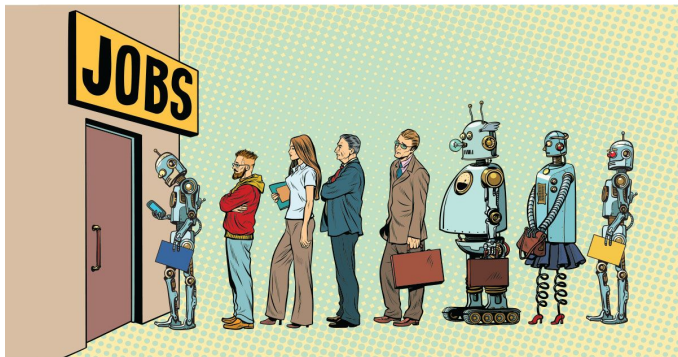
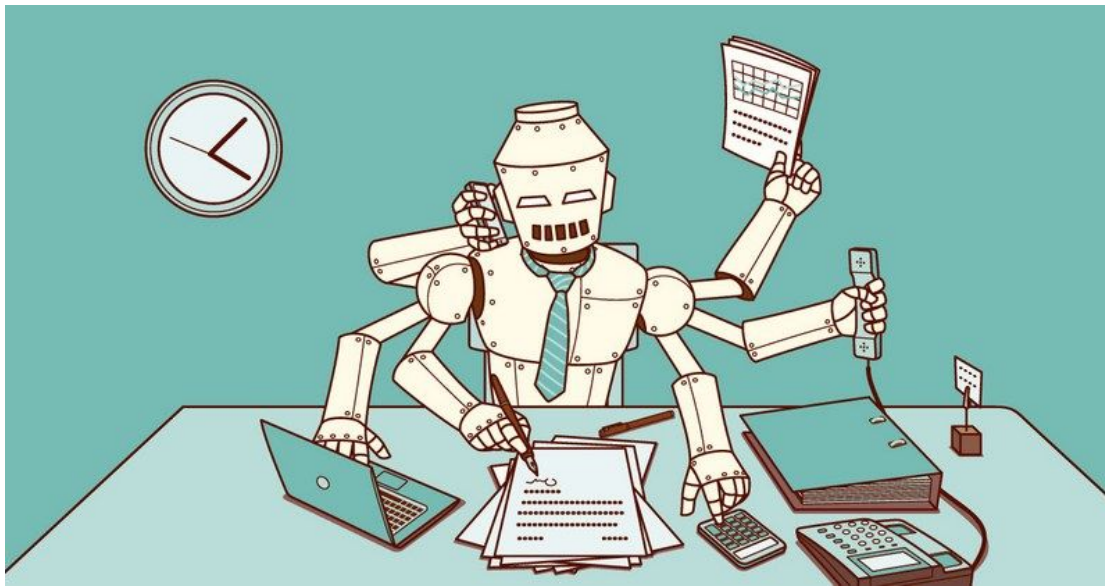
- Jim Kindsvater & Steve Kaehler are doing junior high robotics for about a dozen kids at Seattle Christian School in Seatac.
- SCS has seven robots plus Jim & I each have our own.
- Steve Kaehler is doing a robotics class for half a dozen kids at a Hope Christian Community Church in Burien.
- HCC has three kits plus I have my own (4 total).
- We're using the Parallax Basic Stamp 2 Boe-Bot.







Presentation Coming Later Today  
**Will Robots Take Away Our Jobs?**  
facilitated Steve Kaehler





Coming Presentations are posted on SRS Homepage

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

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





# 2020/2021 Presentation Plan



Sep - O/L, "How to Catch a Drone" (with sports equipment)

Oct - O/L, Microsoft Edge Robotics

Nov - O/L, Author Presentation - Laura Major and Julie Shah

Dec - O/L, Geoff Harmon - Mobile robot with UWB 3D Positioning

2021

Jan - O/L, Virtual Robothon Mini Sumo following meeting

Feb - O/L, Prof. Houssam Abbas (OSU) Autonomous Vehicles

Mar - O/L, presentation: open

Apr - O/L, presentation: open

May - O/L, presentation: open

June - O/L, presentation: open

July - O/L, presentation: open



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



# Robothon Committee

## Virtual ROBOTHON Jan 16, 2021



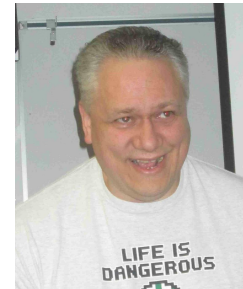
Lloyd



Donna



Jim



James



Mark

## Mini Sumo (500g)

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





## **Always welcome Assistance Soliciting Presenters**

- Invite online presenters from anywhere in US.
- Include the [SRS@gmail](mailto:SRS@gmail.com) address in the cc: line.
- Send out as many requests as you can.
- Consider presenting on some projector of your own.
- Consider leading a facilitated topical discussion.

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





# Virtual Mini-Sumo Contest



Date: January 16, 2021 - Third Saturday 1 PM PST  
– On SRS meeting day after the club meeting

Where: Microsoft Teams Live Event

How: Donna will manage/run the robots during the contest.



Contest details are available on the Robothon website:  
contest rules, virtual requirements, etc. for entries.

See **Robothon.org** for details and Event Link!



# Open Discussion Forums

## Fill Some Time Until Virtual Robothon?



1. What About the Growing Skills Shortage?
2. Medical Diagnosis by Computers Instead of Doctors?
3. Electric Vehicles & Technology
4. Interesting Robot Sensor Technologies
5. Robot Mobility Systems (Locomotion technologies)
6. Virtual/Augmented Reality
7. Internet of Things (IoT & Industrial IoT)
8. Autonomous Vehicles
9. Other Topics?



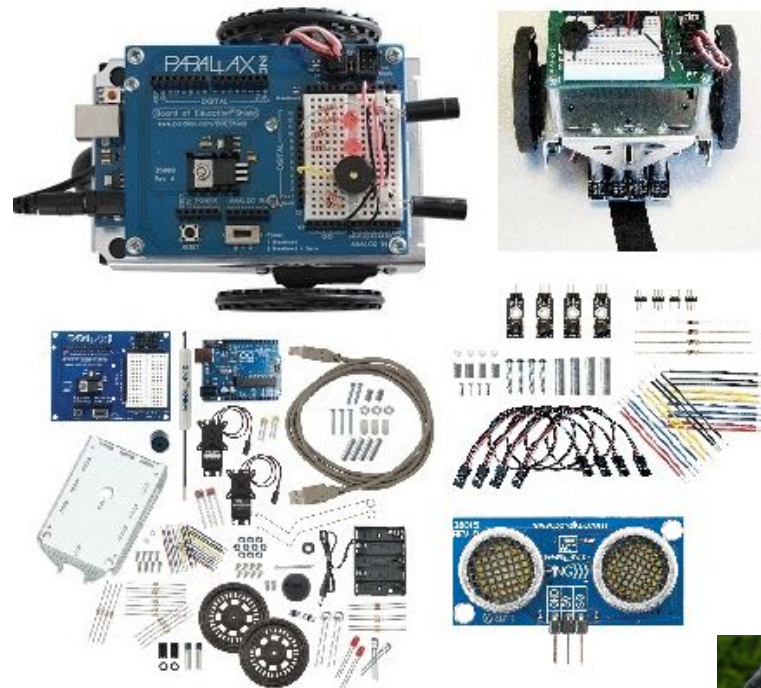
**[SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)**

# 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.



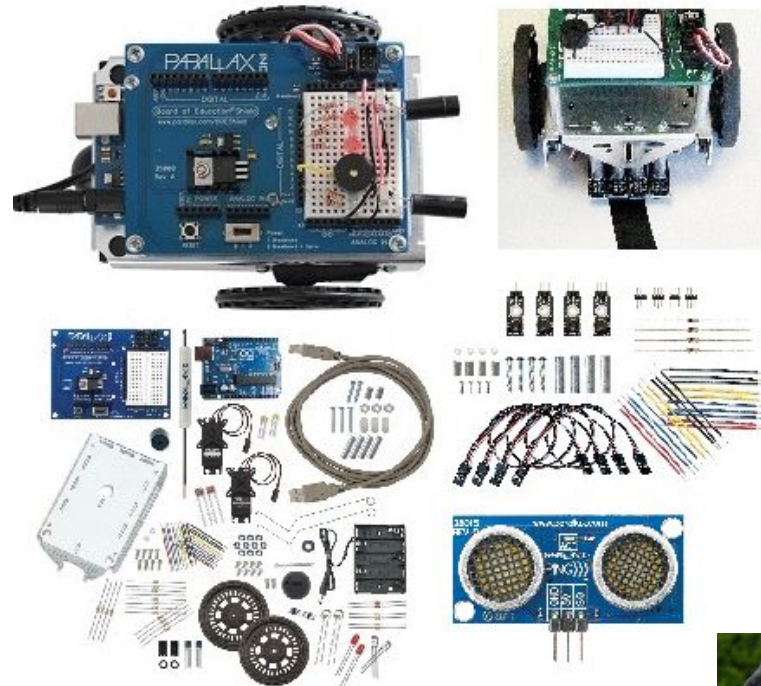


# Interested in Purchasing a Workshop Robot Kit?

## **Parallax Propellor Chip-based**

Kits available for purchase for **\$135** 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.





# SRS Club Polo Shirts



Available for Purchase  
Contact Steve Kaehler

([SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com))  
for purchase/pickup arrangement





# Virtual Robot Discussions/Workshops

- The MS Teams meetings usually continue as long as there's interest.
- Not Today. We have the virtual Robothon at 1PM.
- They'll typically happen monthly, following the regular meeting.
- I'll host them but anyone is welcome to step in if I have to leave.





# Round-the-Web

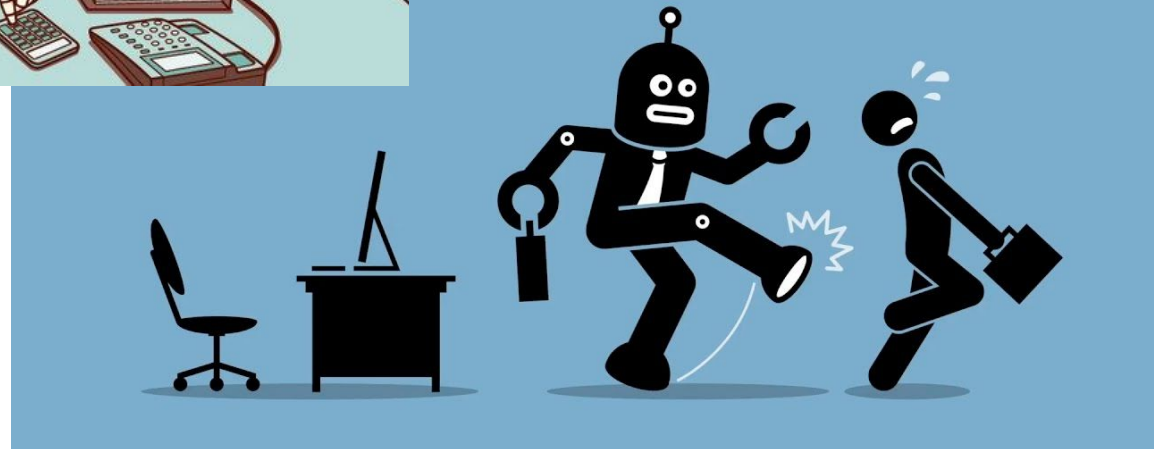
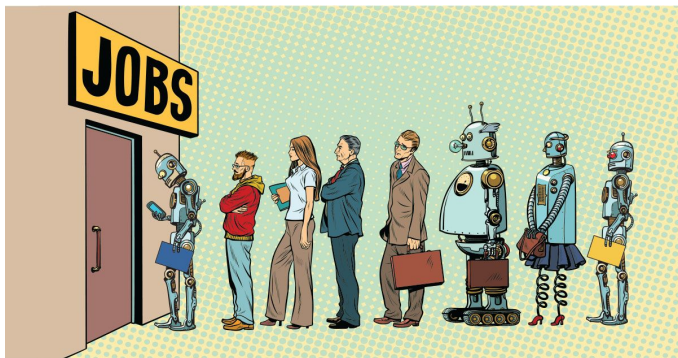
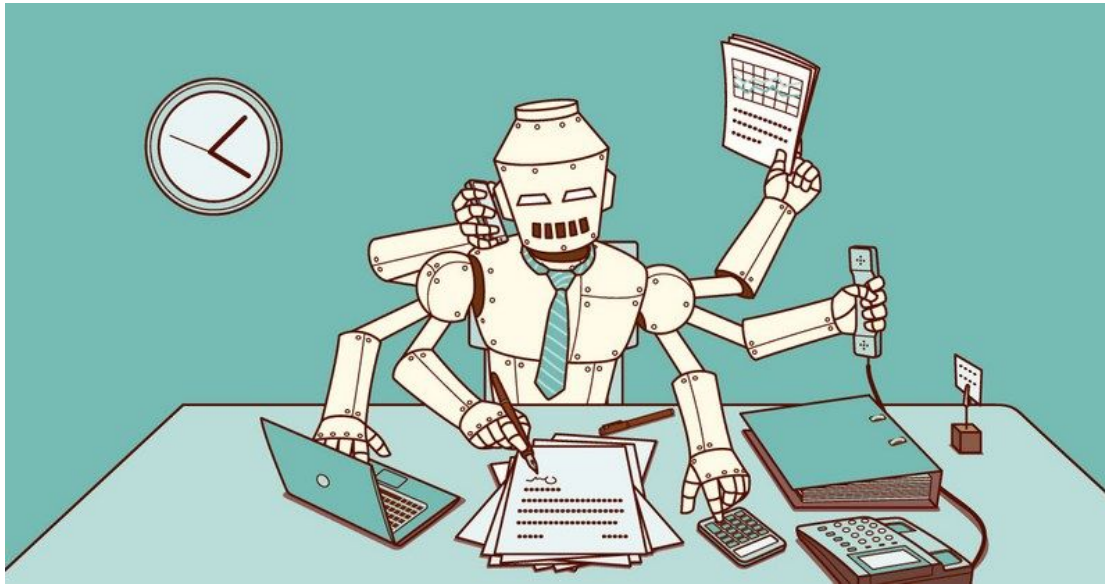
Have Something to Share?

- FIRST Name so we can build agenda list
- Speak up so everyone can hear
- **Hold Sharing for Later** (I'll call on you)
- Mingling time after presentation
- Wrap up R-the-R by 11:00-11:15 PT
- 10m break before presentation
- **Presentation**
- Final questions and information
- Meeting adjourned
- Virtual Workshop?





Presentation Coming Up Shortly...  
**Will Robots Take Away Our Jobs?**  
facilitated Steve Kaehler





# For Next Month



- Same MS Teams link next month
  - Watch SRS website for details about next month's mtg
  - Help us find presenters
  - Send feedback to [SeattleRoboticsSociety@gmail.com](mailto:SeattleRoboticsSociety@gmail.com)
  - **Thank you for attending!**
- 
- This meeting will keep running after presentation for the workshop/chat while there's interest.

