

# Welcome to the Monthly Meeting of the Seattle Robotics Society

<<TIME>>

MT (PT=-1)



Start Recording



Starts at 10AM PT

# Welcome to the Sep 2023 Meeting of the Seattle Robotics Society



**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





# 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. The website will be updated when things solidify.





# Club Business



I'm hosting these meetings from Idaho and will continue to run the monthly Zoom meetings as I can, 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.

(Run Attendance Poll)

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





# Club Business



I'll need alternate meeting facilitators starting in September since my 3rd Saturdays will be otherwise occupied. I can 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 all you cats between the curbs. Please connect with me at the club email below if you can help out.



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





# Club Business



We plan to stream in-person meetings 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.). Anyone have experience doing hybrid meetings well? Contact us at **SRS email**.



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







# Kids Robotics Classes



I plan to 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](mailto:Mr.StevesRoboticsClub@gmail.com)



More Info





## Past Events

- Any comments on recent events to share?





# A Few Local Maker Spaces



- [SnoCoMakers.org](http://SnoCoMakers.org) - Everett
- [KCLS.org/FederalWayMakerSpace](http://KCLS.org/FederalWayMakerSpace) - Federal Way
- [CreaMakerSpace.com](http://CreaMakerSpace.com) - Renton
- [SeattleMakers.org](http://SeattleMakers.org) - Seattle
- [ALTSpaceSeattle.com](http://ALTSpaceSeattle.com) - Air Light Time Space
- [NorthendMakers.org](http://NorthendMakers.org) - North Seattle
- Any other comments to share?





# Events Coming

- Maker Faire Mare Island - Bay Area Oct 13-15, 20-22
- 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



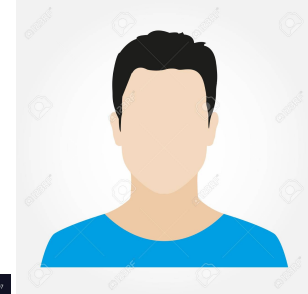
Donna



Bob



Rob



Dave

RoboMagellan+ In-Person Event

Sep 9, 2023

Sunnycrest Elementary School

[Robothon.org](https://www.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.
- Lead discussion about interesting videos.



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



# Open Discussion Forums



1. Interesting Robot Sensor Technologies
2. How Robotics Helps People Function/Live/Connect
3. Medical Diagnosis by Computers Instead of Doctors
4. Robot Mobility Systems (Locomotion 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](mailto:SeattleRoboticsSociety@gmail.com)**





# 2023-2024 Presentation Plan



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

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

*Nov presentation slot: open*

*Dec presentation slot: open*

**Jan 2024 presentation slot: open**

*Feb presentation slot: open*

*Mar presentation slot: open*

*Apr presentation slot: open*

*May presentation slot: open*

*Jun presentation slot: open*

*Jul presentation slot: open*

*Aug presentation slot: open*

*Sep presentation slot: open*

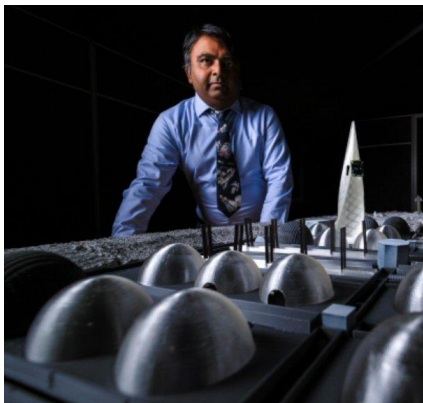




Presentation coming up later...

“Space and Terrestrial Robotic Exploration (SpaceTReX) Laboratory”

Professor Jenkan Thanga



<http://spacetrex.arizona.edu/>



# **Post-Meeting Virtual Robotic Discussions**

After the meeting, but not recorded.





# Round-the-Web

Have Something to Share?



- Who has something to share?
  - [Fire Fighting Drones? \(GeekWire article\)](#)
  - [RobotsGuide.com \(YT video 1:06\)](#)
    - [IEEE Spectrum Robots Guide](#)
  - [Robugtix Aerobic Workout \(1:20\)](#)
  - [Autonomous robot installs solar panels \(3:11\)](#)
  - [Proprioception-based Gait planner for robots \(0:58\)](#)
- Wrap up by ~10:55 PT w/5min break b4 presentation.
- **Presentation to start by ~11:05 PT**
- Adjourn Meeting around 12-12:15 PM PT or so
- Optional Virtual Robotics Discussion this month





<<TIME>>

MT



Presentation coming up shortly...

“IFOR: Iterative Flow Minimization for Robotic Object Rearrangement”  
with Ankit Goyal



# Quick 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](mailto:SeattleRoboticsSociety@gmail.com)
- **Thank you for sharing in the Chat!**



