

# NEW EVENT OF SUMO ROBOT FOR SCHOOL STUDENTS STARTING FROM SINGAPORE ROBOTIC GAME 2019 (SRG2019)



*iSumoBot*

Sumo Robot is one of the most popular robotics events in the world, where two robots try to push each other out of a circular ring. The robot had a size limit of 20cmX20cm and weight limit of 3kg. The sumo ring is a round platform with diameter about 1.5m. The Singapore Robotic Games had been hosting Sumo Robot Game for many year with great success. From 2019, We are planning to introduce the Sumo Robot School Completion to allow students from primary school to secondary school to have the chance to experience the exciting game. Sumo robot is categorized in Remote Control and Autonomous events. This game will provide good training for participants in programming (Scratch Block/Arduino/C), sensors and motion, artificial Intelligence, and mechanical system. The participating students will have good exposure in the area of STEM and able to compete in overseas sumo robot events as well.

In order to provide a good introduction, SRG is going to host a demo game in SRG2018 to allow potential interested participants to have hands-on experience on robot kit set and how to use and program the kit set. All are welcomed. The venue and time of the demo game is as below

**Time: 2018 Jan 24th, Wednesday, 2:00pm to 6:00pm**

**Venue: Annexe Hall 1, Science Centre, Singapore**

In the mean time, visitors are also able to enjoy the excitement of the annual Singapore Robotic Game 2018 that is hosted in the Science Center at the above venue from 24th Jan to 25th Jan 2018. Below is the program schedule.

# 25<sup>th</sup> Singapore Robotic Games 2018

Annexe Hall 1, Science Centre, Singapore

## Programme Schedule

Day	Start Time	
23 Jan 2018	12 noon – 6 pm	Move-In, Setup and testing
24 Jan 2018	9.30 am	Opening Ceremony
Wednesday	9.45 am	Open Category
	9.45 am	Robot Colony Competition
	9.45 am	Intelligent Robot Contest
	10.45 am	RC Sumo Robot Competition
	1.00 pm	Robot Soccer Comp. (Prelims)
	2.00 pm	Picomouse Competition (Junior)
	2.00 pm	Schools Robotic Competition
	3.00 pm	Wall Climbing Robot Race
25 JAN 2018	9.00 am	Picomouse Comp. (Open)
Thursday	9.00 am onwards	Autonomous Sumo Robot Competition
	9.00 am onwards	Robot Soccer Competition
	9.00 am onwards	RC & Autonomous Underwater Robot Competitions
	10.00 am	Humanoid Robot Competition
	12.00 noon	Legged Robot Marathon Race
	4.00 pm	Prize Giving & Closing Ceremony
26 JAN 2018	8.30am – 5.00pm	SRG Robotic Workshop 2018, Seminar Room 1, Level 5 Kinesis, Fusionopolis Two

SRG 2018 program

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