



RoboRAVE Egypt, Alexandria 2021  
This is a Virtual Event  
February 1-March 31, 2021

**Cost:** \$10 per Team per Challenge  
**Deadline:** Registration opens: January 14, 2021

[See Registered Teams](#)

The Directors

[Event Information](#)

The Challenges

Virtual a-MAZE-ing	ES	MS	HS	UP	Rules
Virtual Fastbot	ES	MS	HS	UP	Rules
Virtual Line Following	ES	MS	HS	UP	Rules

## This a Virtual Event

Opens 1-February Closes: 31- March

ALL players finishing in the top 3 positions **QUALIFY** for  
RoboRAVE Global '21 Virtual Championship

## Eligibility:

Open to all RoboRAVE International Members (Registered with RRID#) in

REMEMBER – any player can PLAY up in division but NOT down 😊

- **ES** - Elementary School (grades 3\*-5)  
\*younger kids can play!! But 3<sup>rd</sup> grade is our recommendation starting age
- **MS** - Middle School (grades 6-8)
- **HS** - High School (grades 9-12)
- **UP** - University / Professional (anyone beyond High School)

## Challenges:

- ES, MS **only** - Virtual a-MAZE-ing  
(*NO sensors allowed*)
- ES, MS, HS, & UP - Virtual Fastbot  
(*Required – robot output controlled by infrared sensor*)
- ES, MS, HS, & UP - Virtual Line Following  
(*Required – robot output controlled by infrared sensor & ultrasonic or touch sensor*)

## Rules:

**Challenge GOAL:** Program (Blockly, JavaScript) your robot for the fastest time to complete the track while collecting points (blinking blue dots) along the track *in order*.

- 1) **NOT Required:** a Robot! This a 100% virtual event with several robot platforms to choose from found under OPTIONS (inside RoboSensei). Additional features can be added/modified/deleted to your robot
- 2) **REQUIRED:** RoboRAVE International Membership ID (**FREE**)  
Signup - [www.roboraveinternational.org/signup](http://www.roboraveinternational.org/signup)
- 3) **REQUIRED:** RoboSensei Account: provided for the event upon completing your RoboRAVE International (RRID#) membership & team formation including payment
- 4) **REQUIRED:**
  - a. **Team size:** 1 to 4 players (an email is required for “**Required Player**”. This player is 1<sup>st</sup> player on the team *and normally* the one forming the team.
  - b. **Coach:** Any parent, teacher, or group leader can be a coach.  
(Recommended: 16ys or older, and responsible for payment).
  - c. The coach is **not** a player.
    - i. Get your RRID#, then form your teams as their COACH
- 5) **REQUIRED:** OLDEST PLAYER determines the division of the team.
- 6) **SCORING:** Top player’s score will represent the TEAM score. ONLY the highest score will receive, if 1<sup>st</sup>, 2<sup>nd</sup>, or 3<sup>rd</sup>, a cash award. Players will still receive a certificate for their finish.
- 7) **OPTIONAL:** Coach (an email is required). Due to travel restrictions, school closures, teams can be 1 player (Required) and NO coach. Normally, Middle School and older players

- 8) **Extra Points for Time:** Complete the track UNDER the allowed time and the remaining seconds are added on as points (whole number of seconds)
- 9) **Leaderboards, Live;** Track your success on the RoboSensei Leaderboards (top of page) located on <https://robosensei.net/n2cafe/api/sensei/LiveLB>
- 10) **Unlimited Runs:** Play as many times as you need during the 2-month event. Your HIGHEST score is AUTOMATICALLY saved for your return.
- 11) **Cost:** \$10/team/challenge/event
- 12) **RR Global '21 - Qualifying:** Any player finishing in the top 3 positions will automatically be eligible for the Virtual Championship, 16-18 July. The physical site, City Center, [Kaga, Japan](#) will host players from Japan, and international players permitted by current travel restrictions into Japan.

## Questions

Email [eng\\_rim@hotmail.com](mailto:eng_rim@hotmail.com)

Subject: RR Egypt Alexandria 2021

Thank you.

Reem Radwan

Director, RR Egypt Alexandria

My 1<sup>st</sup> Event!! 😊