

Valid until
9.30.2022



Iq Innovative Robot Challenge Rules

Goal

Submit a creative 60 to 90 second video showing how your working robotic design brings value to society within any environment.

Who Can Play

Teams in this challenge play as **in two (2) divisions**, typically:

- 1) Elementary School + Middle School
- 2) High School + University/Professional

Requirements

This is a **FREE** challenge to play from home. Attendance requires registration for the Entrepreneurial Challenge which has a fee. IF you do attend, and want to show your product, then register for the (not free) Entrepreneurial Challenge. Your choice: *from home, get in free; OR come attend, pay a FEE.*

Autonomous and/or remote controlled robotic product (uses an *input-process-output* logic (IPO)), any platform, costing \$1,500 USD or less:

- 3) Video **must** include:
 - a) Product name
 - b) Product's purpose (stated clearly)
 - c) Logos
 - i) RoboRAVE International, *a collaborative robotics program*
 - ii) Inquiry Facilitators, Inc.
 - d) (optional) Your local sponsors
 - e) First names, **ONLY**, of each team member
 - f) Your community (town, school, group)
 - g) All team members **must** have an active part within the video; not just pictures.
 - h) Any use of music must be **royalty-free** with **at least the artist and title of the piece** credited

General Rules

- 1) Working product based on an input-process-output system (IPO) (robotic)
 - a) Any type of IPO system
 - i) Apps
 - ii) Improvement of code for existing product
 - iii) Sensors based
- 2) Team of 2-4 players
- 3) Sales Pitch
- 4) Business cards with your company logo
- 5) A 1 page A4 or standard letter size flier
- 6)

Challenge Specifics

Upload the final video to your Team Profile (MP4 format).

- 1) Contact the event to let them know when it's ready.
 - a) admin@roboraveinternational.org
 - b) Subject: Iq Video READY (coach last name)
 - c) Body of message:
 - i) Who you are
 - ii) Team name
 - iii) Coach RoboRAVE Membership ID#
- 2) RoboRAVE staff will **review and post to YouTube**.
- 3) Confirmation to the email used to notify us will be sent when your video has been posted.

Failure to comply with any or all of the requirements will make your entry ineligible.

Scoring

The BEST Iq team's name and product will be released online during the event's awards ceremony.

Scoring is done by committee and they consider This is done by committee.

We look for:

- 1) Quality of the working robotic product
- 2) Required components
- 3) Customer value
- 4) Social Value (current & future), as determined by our small consumer group's polling
- 5) Marketing approach;
 - a) entertainment,
 - b) memorable,
 - c) easy to follow pitch
 - d) promotional quality
 - e)**