

Call for RoboRAVE International Vallarta - Nuevo Vallarta 2024 (International Event) December 5 and 6



RoboRAVE
International
A Collaborative Robotics Program

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1. Presentation of the call for proposals

RoboRAVE International and the Mexican Robotics Cluster will hold the **1st RoboRAVE International Puerto Vallarta 2024**, with the aim of promoting and encouraging development in programming, robotics, science, technology, engineering and mathematics; as well as innovation and creativity for the development of projects, focused on problem solving; promoting high performance through the constant and active participation of students from all educational systems, strengthening the principle of equity and contributing to reducing inequalities between women and men, including marginalized and vulnerable sectors of society.

This edition will be held in Puerto Vallarta; on December 5 and 6, 2024, in which we hope to see you and together enjoy this event with passes to RoboRAVE International events, such as Japan, Beijing China, Taipei Taiwan, California Silicon Valley, Texas, Germany, France among others.

The following are worth highlighting from the **1st RoboRAVE International Puerto Vallarta 2024**:

- It is an international competition aimed at all students from different educational systems who participate in robotics groups at their schools.
- The official rules that will be applied correspond to the rules and philosophy of RoboRAVE International for the development of both national and international competitions.
- With the sponsorship of the business and institutional sector, the Competition will promote the development of the STEM model among students from all Educational Systems.
- The jury will be made up of representatives of RoboRAVE International and specialists designated by the Organizing Committee, whose verdict will be final; in addition to the use of the Digital Scoring System for RoboRAVE events, better known as Scorysystem.

2. Aim

Promote and encourage the development of science and technology, fostering high performance through the constant and active participation of students from all educational systems, strengthening the principle of equity and contributing to reducing inequalities between women and men, including marginalized and vulnerable sectors of society, through the **1st RoboRAVE International Puerto Vallarta 2024**.

Remember our RoboRAVE International Slogan:

“Today’s Play, Tomorrow’s Pay” for Any Kid, Any Where
as a *“A Collaborative Robotics Program”*

1. Collaboration is the action of working with someone to produce or create something...

Words similar to collaboration are:

- 1 - Trust.
- 2 - Tolerance
- 3 - Self-knowledge

Our Goals:

- 1) *Have fun while learning,*
 - 2) *Share knowledge and experiences, and*
 - 3) *Teamwork*
- and that's a 1, 2, 3, WOW!

We look forward to learning and having fun together all weekend!

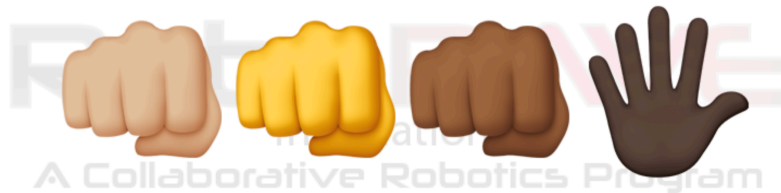
3. Participants

All schools in Mexico will be able to register for this event, which allows the participation of all current programs in Mexico and the world, complying with the selection policies of each system or program in order to have the best from each school, region, state and country.

All participants will be able to be advised by a mentor (a teacher from the school they represent); teams can be made up of 2, 3 or 4 participants.

So together we can make our RoboRAVE identity Shout.

The 1, 2, 3 Wow!!! represents our openness to everyone; Somos RoboRAVE (we are RoboRAVE).



Our Goals:

- 1) Fun while learning,**
- 2) Sharing knowledge and experiences, and**
- 3) Teamwork**

And that's a 1, 2, 3, WOW



¡Somos RoboRAVE!

4. Challenges for this event

Teams will participate in one of the following challenges:

1. a-MAZE-ing (ES, MS)
2. SumoBot Challenge (ES, MS, HS, UP)
3. Fire fighting Challenge (HS, UP)
4. Entrepreneur; known in some educational systems as “Home Care Robot” (HS, UP)
5. Robo Ethics; Eligible: (ES, MS, HS, UP)

In accordance with the description sheets and rules published on the official RoboRAVE International website, if you have any questions, please send an email to: global@roboraveinternational.org so we can provide you with the necessary support and resolve any queries you may have.

5. Registrations

From the date of this call and until one week before the event, registrations are open so that you can reserve your place, as well as your reservation at the official hotel, since there are only a few rooms.

In the case of participants from other countries, they must provide proof with a letter from the director of the RoboRAVE program in their country, if it exists, or from the organizing committee of RoboRAVE International.

6. Participation requirements

1. Register on RoboRAVE International; RoboRAVE's official website; <https://roboraveinternational.org/#/signup>
2. Identification form for the Robot, the team members with a photo and the mentor on the official website (optional).
<https://roboraveinternational.org/#/events/view?id=40>
3. Make the registration fee, which has a value of 100 US dollars per team or its equivalent in pesos at the exchange rate of the day of your registration to the event per team per category.
4. If you prefer to make a bank transfer or additional information; please, we will provide you with the account details by email to the following email address: global@roboraveinternational.org

5. If you are a foreigner, you must have your official accreditation. To participate in an **International** Event, the rules of participation are: having played a Local, Regional, State or National RoboRAVE tournament and having a **RIA certificate (Robotics Academy of the Official RoboRAVE International NETWORK)** of any course of your choice or equivalent; so that you know the registration processes, challenge rules, category levels, among many other characteristics; or having won a pass in an **official RoboRAVE tournament** in the same year. Event published on the official RoboRAVE International page (<https://roboraveinternational.org/#/>) and a **letter signed by the Director of the official RoboRAVE program** in force at the time of your signature that guarantees having won said official pass; otherwise you will not be allowed to participate; if you have doubts, you can check the email global@roboraveinternational.org to avoid setbacks and disqualification due to default or omission.

7. Winners and prizes

Each participant will receive an electronic or digital recognition for participating in the event, as well as a medal for 1st, 2nd or 3rd place.

Prize for the first three places in each category, which consists of accreditation to participate in international events in 2025 or 2026 and a Winner's certificate.

Pass to event as specified below:

1. Pass to event in Japan 2025,
2. Pass to the RoboRAVE world championship 2025 in Beijing,
3. Pass to event in Taiwan Open 2025,
4. Pass to event in California Silicon Valley 2025,
5. Pass to event in Texas 2026,
6. Pass to event in Germany 2025,
7. Pass to event in France 2025.

8. General provisions

- This call will be valid from the date of its publication until Wednesday, November 27, 2024.
- Equipment calibration will be carried out at the event venue in accordance with the General Program.
- The address of the facilities where the contest will be held is: Blvd. Nuevo Vallarta 65 C.P. 63735; Bahía de Banderas, Nayarit, Mexico.
- The unpostponable closing date for registrations will be Wednesday, November 27, 2024.

9. Organizing Committee

Sincerely.

RoboRAVE International organizing committee

email council@roboraveinternational.org

RoboRAVE
International
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<https://roboraveinternational.org>

