FIRST INTERNATIONAL ROBOTICS COMPETITION

CALI - COLOMBIA

VIGILADA MINEDUCACIÓN

USC UNIVERSIDAD SANTIAGO DE CALI

UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS

Universidad Tecnológica de Pereira

OCTOBER 25 - 26 2017

CATEGORIES:

1. Speed on ground track
(Open Category)
2. Minisumo
(Category for Universities and High School Institutions)
3. Speed on Air Track
(Open Category*)

***Fully open:**
National and International schools, Universities and Amateurs can participate.

FREE REGISTRATION

VENUE: CALLE 5 No. 62-00
CIUDADELA UNIVERSITARIA PAMPALINDA
COLISEO POLIDEPORTIVO - BLOCK 5
UNIVERSIDAD SANTIAGO DE CALI
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Competition category: Speed on ground track

Venue: This competition will take place on October 25th- 2017 at *Calle 5 No. 62-00, Universidad Santiago de Cali - ciudadela universitaria pampalinda, Coliseo Polideportivo.* Time: 10:00 am.

Registration deadline: October 20th – 2017, before 10:00 pm GMT (Bogota – Lima – Quito)
Each team must register online before the registration deadline using the following link https://goo.gl/forms/0AWSZ84U18nr21dj1

Each team must complete the registration process at least two hours before the competition (October 25th- 2017 at 8:00 am).

Competition rules

This is an open category, meaning that teams from secondary education institutions, universities, professors, etc., can race in this competition.

- This competition starts with a time trial competition.
- The team that completes the course in the shortest time will race against the team with the longest time
    - Winner of each round will classify to the next round.
    - This elimination process continues until the winner of the competition is decided

Picture: Groud track in I Concurso Nacional de Robótica USC 2016.

The ground track

- The track contains two lanes, each robot will be placed in a lane.
- The team that completes the course in the shortest time will be able to choose the lane where their robot will start the race.
- Each robot must complete the track using the minimum amount of time. If a robot abandons the track will be disqualified. The opponent wins if the robot is able to complete the track.
- When the judge announces the start of the lap, the robots must remain static, after it is turned on, during a five seconds security pause.
- Each robot must remain within the assigned lane, otherwise it will be disqualified. The opponent wins if the robot is able to complete the track.