



*In every child's imagination a robot lives...
ask Will Robinson, Luke Skywalker,
or the Kids involved in the*

California **ROBO** Challenge!

May 12, 2007 in Santa Maria, CA

In coordination with the 2007 Regolith Excavation Challenge

Sponsored by RoboChallenge and Eagle Robotics, the California **ROBO**Challenge at the Santa Maria Fair-park Convention Center is where robots come alive through the imaginative genius of children ages Kindergarten through 12th Grade. The purpose: to inspire young people to achieve now, and further their education later, in the field of engineering. Students competing in the California **ROBO**Challenge must build LEGO™ robots for a variety of challenges that include “the Sumo,” “the Tug O’War,” and “Line Following” categories. The California **ROBO**Challenge emphasizes the fun of engineering design and programming. The inclusion of all ages and ability levels across a demographic region traditionally underserved by higher education draws nearly a 1,000 students each year since it began in 2000.

What you need to know to enter now!

- The first 48 robots to sign up will be able to participate in the competition.
- Teams will be divided into 3 divisions: K-5, 6-8, and 9-12. All students on a team must be in a grade in the same division.
- Challenge categories include: Drag Race, Tug O’ War, Line Following, Sumo Autonomous, and Sumo Remote.
- All robots must be made of LEGO Mindstorms, original or NXT.
- Each team must provide its own computer to program the robot at the competition.
- An inspirational speaker will be present during lunch, courtesy of the California Space Authority (CSA).
- There is a non-refundable entry fee of \$20 per robot (each team is comprised of one robot and up to four students).
- Cash prizes, commemorative T-shirts, and award certificates will be awarded!

For more information contact Dawn Hinchman today.

Applications may be emailed to dmhinch@earthlink.net

All applications and entry fees must be received before May 1, 2007.

For more information, please visit

www.californiaspaceauthority.org/regolith/carobochallenge.html

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