

*San Diego County Fair*



# 3 ways

for *FIRST* Teams to participate in the  
2007 **San Diego County Fair**

## Robot Expo one day competition

**June 9, 2007**

**@ 10:00 a.m. to 1:00 p.m**

**entry deadline May 2, 2007**

**Overall Winner  
plaque**

**1st place plaque**

**2nd place plaque**

**3rd place plaque**

**\$100 for each First Team entered  
gifts for team members**

Contact

**Neil Bruington**  
coordinator  
student showcase  
[nbruington@cox.net](mailto:nbruington@cox.net)

Showcase Stage  
San Diego County Fair  
2260 Jimmy Duante Blvd  
Del Mar, California

## 1 Student Showcase Exhibit

Division Robotics Engineering – Fabricated

Teams will develop a working model of a Robot, with a power source; programmable microchip (using, C, Java, Basic, etc.) Entries will be judged on Write-up/presentation, CAD designs, Structural Engineering Plans, and Routine Objective. Robots can be constructed of any material.

Robots can be of any size and can use electric, steam, solar, thermal, hydraulic, pneumatic or other energy source. They can be remote controlled, autonomous or both. No sharp objects allowed (drills, blades, nails, etc.)

Include a write up of team members, team contributors (include professional status), total cost, hours to develop and sponsors.

Criteria

- |   |           |
|---|-----------|
| 1. Write-up/presentations                   | 40 points |
| 2. Engineering plans                        | 15 points |
| 3. Design and Engineering Innovations       | 15 points |
| 4. Use of materials and fabrication quality | 15 points |
| 5. Ability to achieve objectives            | 15 points |

A team member may be present to answer questions for the judges. This is optional.

Robots will be on display at the fair June 8th to July 4th. Best of Shows, Special Awards will be given. Robots may be taken out to compete in the one day contest. This will count for the overall winner plaque. Passes for the team. Entry deadline May 2, 2007. Delivery to the fairgrounds on May 22 and 23 first floor of the west grandstand.

## 2 Robot Expo

One day contest on the BIG Showcase Stage.

See information in the first column. Contest rules will be posted in April on the fair web site. Robots in the Student Showcase Exhibit may be used in the one day competition.

## 3 School Demonstration Day

Schools can sign up to come to the fair and demonstrate your robots in the Student Showcase Exhibit. Passes will be provided for the day. Good way to put a spot light on your program.

# ROBOTICS COMPETITION ENTRY FORM

*Completed Forms & Fees must be USPS postmarked on  
or before Wednesday, May 2, 2007*

**No Processing Fee**

**Mail to:**  
**San Diego County Fair**  
**Attn: Student Showcase**  
**P.O. Box 685**  
**Solana Beach, CA 92075**

Exhibitor # \_\_\_\_\_ (office use)

\_\_\_\_\_  
**EXHIBITOR'S NAME** (First Name Middle Initial Last Name)

\_\_\_\_\_  
**Grade Level**

Exhibitor name is the group leader/contact. Also attach a list of names of participating students.

\_\_\_\_\_  
 Address (Street, P.O. Box, Etc.)

\_\_\_\_\_  
 City State ZIP ( ) Phone #

\_\_\_\_\_  
**SIGNATURE OF EXHIBITOR (mandatory)**

\_\_\_\_\_  
**Exhibitor e-mail**

I wish to receive Fairgrounds info by e-mail

The exhibitor agrees to defend, indemnify and hold harmless the Fair, the County and the State of California from and against any liability, claim, loss or expense (including reasonable attorneys' fees) arising out of any injury or damage which is caused by, arises from or is in any way connected with participation in this program or event, excepting only that caused by the sole active negligence of the Fair. The Fair management is not responsible for accidents or losses that may occur to any of the exhibitors or exhibits at the Fair. The exhibitor (or parent or guardian of a minor) is responsible for any injury or damage resulting from the exhibitor's participation in the program or event. This includes any injury to others or to the exhibitor or to the exhibitor's property.

I certify these entries are my work and that these entries comply with the Local and State rules. I acknowledge that these entries do not violate copyright or trademark laws. I agree that my name may be released to the press. I certify that I have read the statement listed above.

School Name: \_\_\_\_\_ School Phone #( ) \_\_\_\_\_

Instructor's printed name \_\_\_\_\_ Home Phone # ( ) \_\_\_\_\_

Instructor's e-mail address \_\_\_\_\_  I wish to receive Fairgrounds info by e-mail

\_\_\_\_\_  
**Instructor's Signature (mandatory)**

**Instructors:** If your student is an award winner, we will need to contact you. Please be sure we have your home phone number so we can notify you about the awards presentation.

**Please mark the box next to the class(es) in which you will participate.**

No	Register	Date	Class	Brief Description	Entry # (Office Use)
1.	<input type="checkbox"/>	Robotics June 9	First Teams	Fabricated Robotic Expo	
2.	<input type="checkbox"/>	Robotics June 16	Find the Hero	Snap Together	
3.	<input type="checkbox"/>	Robotics June 16	Sumo Circle	Snap Together	
4.	<input type="checkbox"/>	Robotics June 16	Drag Strip	Snap Together	

**This form may be photocopied**