

Search and Rescue Robot Challenge

California State University Los
Angeles – Student Activity Center

Kansas City Kansas Community
College

Dates: April 16 & 17, 2010
(Optional Setup and Registration
April 16)

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Location: California State
University Los Angeles – Student
Activity Center

Location: Kansas City Kansas Community
College.

Friday April 16 – optional setup, Registration
and Practice (Times to Be Announced)

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Saturday April 17 – Los Angeles

7:00 AM to 2:30 PM
Registration and Setup – 7:00 AM to 8:30 AM
Practice – 7:00 AM to 9:00 AM
Trials Begin – 9:00 AM
Trials End - 2:00 PM
Awards Ceremony – 2:00 PM to 2:30 PM
Tear Down and Clean Up

Saturday April 17 – Kansas City

8:00 AM to 4:30 PM
Registration and Setup – 9:00 AM to 10:30 AM
Practice – 9:00 AM to 11:00 AM
Trials Begin – 11:00 AM
Trials End - 4:00 PM
Awards Ceremony – 4:00 PM to 4:30 PM
Tear Down and Clean Up

Welcome...

...to the third annual Search and Rescue Robot Challenge! We are delighted you are here and want you to have a great experience. This experience promises to be more than just participating in the Robotics Competition. You will meet new friends from all corners of the nation, and beyond! Our international friends including returning schools from China are looking forward to meeting you, and of course to competing with you as well.

We hope that you will reach out to everyone here – whether you are watching your fellow competitors prepare for the events, or simply spending time with friends – old or new, most of all we want you to HAVE FUN!

Please let any of the staff or other adult leaders know of any questions or concerns you may have.

Remember too, that this is only the third time for all of us....we all will be learning how to better prepare and compete in years to come. Think of this experience with Search and Rescue Robots as a prelude to that can better prepare you for your future education and careers be they in science, engineering, or science.

Good Luck, and again, Have Fun!

Hal Gardner

Executive Director, The Support Learning Foundation

Our Vision

The Search and Rescue Robot Challenge is a chance to bring students from around the world together to compete in creating an autonomous robot to help first responders (Fire, Police, EMTs) find survivors of disasters, natural or otherwise. Our belief is that it will be this generation of students who will take artificial intelligence and robotics into the world of emergency services - finding new ways to help first responders react more quickly to disasters. And, in a sense, they will create the robotic search and rescue dog, who will bravely travel with and support our human heroes.

Steve Waddell

CEO and Lead Developer, founder of the Support Learning Foundation and CEO of edmagineer

Divisions

Middle School - Grades 6-8

High School - Grades 9-12

University – pilot

Speakers and Demonstrations to be announced

Special Thanks

SLF Team

Max Waddell –Support Learning Foundation

Jake Mendelssohn

Dr. Fei, Grandar Robotics

Dr. Xin, Grandar Robotics

Dr. Wei Min, Grandar Robotics

Dr. Yong Zhao University of Michigan

California Site Team

Dr. Keith Moo-Young Dean CSULA – ESCT

Dr. Mauricio Castillo CSULA – ESCT

Lily Nguyen CSULA – ESCT

Kansas Site Team

Dr. Al-Hassan KCKCC - Department of Technology

Dr. Courtney KCKCC - Department of Technology

Dr. Naima KCKCC - Department of Engineering and Mathematics

Dr. Eberle Emporia State Univ – Dept of Instructional Design

Dr. Colorado Emporia State Univ – Dept of Instructional Design

Say Cheese

As this is an event open to the general public, video and film/digital cameras are welcome. However, we request that equipment that uses infrared technology not be used to photograph the judging area as it may disrupt the sensors on the robots.

Organized by:

The Support Learning Foundation

In association with:

***California State University LA – College of Engineering,
Computer Science and Technology
and the Kansas City Kansas Community College***