



Missouri 4-H

4-H Center for Youth
Development

UNIVERSITY OF MISSOURI
UExtension

[About 4-H](#) | [Get involved](#) | [Projects](#) | [State programs](#) | [Events](#) | [Resources](#) | [Recognition](#) | [News](#) | [4-H Foundation](#) | [Contacts](#)

Events

Show Me Robots at the Missouri State Fair



Sunday and Monday, Aug. 14-15, 2011

12:00 to 5:00 p.m.

Setup starts at 8:00 a.m.

[Show Me Robots Flyer \(PDF\)](#)

Location:

[Missouri State Fair](#) -Sedalia, Missouri

Lowell Mohler Assembly Hall
(air conditioned, 10,000 sq. ft. of space)

**Show Me Robots exhibits and more
Sunday Aug. 12**

Agriculture, industry, military, education, and hobbyist will come together for a public showing of robots, robot careers, and robot education in Missouri. There will be exhibits, robot demonstrations, and hands-on robot activities.

View the [2009 Show Me Robots video!](#)

Show Me Robots competitions and challenges

Monday Aug. 13

Robot leagues(FRC, FTC, FLL, Botball, BEST, VEX and others) are planning “rumbles” (unofficial events) for league members. 4-H and the adult hobby groups are planning robot challenges and contests that will be “open” to robotist of all ages and experience. In addition, there will be mini-workshops, demonstrations, and hands-on robot building and learning activities.



Would you like to set up a mini-workshop?

See the [Mini-Workshop Proposal \(PDF\)](#) for details.

Plans include:

- Modified *FIRST*® Robotics tournament for eight to twelve teams with a half-size playing field along with pit areas and bleachers for approximately 180 spectators
- Competition/challenge area of approximately 40 ft x 40 ft that can be reconfigured for a variety of robot challenges and competitions. In addition to the playing field the area includes bleachers for 80 people and work tables for competitors.

Some of the possible competition/challenges include *FIRST*® LEGO® League; *FIRST*® Tech Challenge; college robot teams; Botball; BEST; VEX; MU Engineering INSITE middle school challenge; 4-H challenge; and ROBOMO and KC Robot Society challenges.

- Make KC, KC Robot Society, and ROBOMO Maker fair displays and hands-on activities
- Scheduled mini-workshops and demonstrations on robot topics
- 4-H hands-on building with Robotix



Contact

For more information about the Show Me Robots event, contact Bill Pabst, 4-H Center for Youth Development, University of Missouri Extension at pabsta@missouri.edu.

Sponsored by Missouri State Fair, Monsanto, SCOPE - Science and Citizens Organized for Purpose and Exploration, and Missouri 4-H.

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