



LAWRENCE TECHNOLOGICAL UNIVERSITY ROBOFEST

Robofest eNewsletter 11-28-23

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Note: All times are listed in Eastern Time unless noted

(1) LTU Visit Day on December 9th

We encourage Robofest participants to consider LTU as an option for their higher education. To learn more about what the university has to offer (over 100 undergraduate, masters and doctoral degree programs), LTU is hosting a visit day from 9:00am to 1:30pm, on Saturday, December 9th, where prospective students can meet current LTU students and faculty, hear about campus living, and much more. To register for the LTU visit day, visit: <https://apply.ltu.edu/portal/LTUvisitsdays?id=aa8515ed-19b3-4ce2-a1c9-c6c434cb6286>

(2) Intro to Robofest Coaching Workshop at MISD on December 12th

Macomb Intermediate School District is hosting an Intro to Robofest Workshop for new coaches on Tuesday, December 12th, 4:30pm~6:30pm in Room 104 at the Macomb Intermediate School District ~ 44001 Garfield Rd., Clinton Twp., MI 48038.

The Robofest staff will provide techniques and strategies for a successful Robofest season including basic autonomous robotics with LEGO SPIKE Prime, how to start a team and choose a category, common problems and solutions and MORE!

A light dinner will be served after the workshop and SCECH are available for Macomb County Teachers (registration required).

MISD Workshop registration: (Event 5484)

<https://events.misd.net/public/Course/browse?courseid=10817&AllowDirectLoad=1>

(3) 2024 Final Kickoff Meeting on January 13th

We are hosting the final 2024 Season kickoff meeting on Saturday, January 13th, 2024 10:00am ~ 11:30am in the Computer Science Robotics Lab, Room J234 on the LTU campus and on Zoom. During the presentation, we will cover highlights of the general rules and open categories, and we will present the updated game rules for clarification prior to the final release. Zoom link is posted on the [robofest.net](https://www.robofest.net) home page.

(4) Warmup Competition/Judge Training on February 10th

We are hosting a Warmup competition and Judge Training on Saturday, Feb 10th, 1:00pm ~ 4:30pm in the Computer Science Robotics Lab, Room J234 on the LTU Campus. Teams who would like to participate should send an email to spalonis@ltu.edu. There is no registration fee for this event, but teams must be registered AND PAID at a local competition (or Pre-Registration) in order to participate. Please limit to one team per coach. Check-in for registered teams begins at 12:45pm

We encourage Michigan Site Hosts and Volunteer Game Judges to register and attend. Judge training will start at 1:45pm. Registration is open:

<https://www.robofest.net/rms/appPages/volunteerPages/index.jsp?siteID=1484>

(5) Pre-season Technical Workshop Schedule

Workshops are available at no cost to registered 2024 Teams. They are held in the Computer Science Robotics Lab, Room J234 on the LTU Campus. Robots and laptops are provided. Workshop materials will be made available on the eAcademy/Workshops page. Registration is open under "Available Workshops: on the robofest.net Registration page.

VEX IQ with VEXcode for Game

Saturday, January 20th: 9:00am ~ 12:00noon

LEGO EV3 with Scratch for Game

Saturday, January 20th: 1:00pm ~ 4:00pm

Saturday, January 27th: 9:00am ~ 12:00noon

LEGO SPIKE Prime/Robot Inventor with Scratch for Game

Saturday, January 27th: 1:00pm ~ 4:00pm

LEGO SPIKE Prime/Robot Inventor with Python for Game

Saturday, February 3rd: 9:00am ~ 12:00noon

NEW for 2024! Intro to Exhibition using LEGO EV3 with Scratch

Saturday, February 3rd: 1:00pm ~ 4:00pm

(6) Vision Centric Challenge Returns for 2024 Season

The 2024 Vcc rules *Vision Based Measurement System* are now available on the Robofest website. The objective of this challenge is to use vision-based robots to complete a series of inspections. This challenge will introduce teams to real-world manufacturing inspection processes. The event will be hosted during the Robofest World Championship on May 9th through 11th (exact date TBD). Pre-registration is open for Senior Division teams.

(7) MCWT Grants for All-Girl Robofest Teams

The Michigan Council of Women in Technology Foundation, a Gold Sponsor of Robofest, is once again providing \$750 grants for up to ten Michigan all-girl Robofest teams for the 2024 Robofest Game and Exhibition competitions. More information and the 2024 season application are now available on the MCWT webpage: <https://mcwt.org/programs/list/K-12-Initiatives/ROBOTICS-GRANTS>

(8) Seeking Site Hosts for Competitions

Robofest is seeking site hosts for the 2023-2024 Competition Season for Robofest Game and Exhibition Qualifiers as well as Open events. Interested individuals, organizations, or schools should contact the Robofest office at robofest@ltu.edu or visit <https://robofest.net/index.php/for-site-hosts> for more information or to download the application.

Lawrence Technological University / Robofest / J-233 / 21000 W. Ten Mile Rd, Southfield, MI 48075

Prof Elmer Santos, Director, esantos@ltu.edu

Shannan Palonis, Assistant Director, spalonis@ltu.edu

Pam Sparks, Coordinator, psparks@ltu.edu

Dr. CJ Chung, Founder, Executive Council Chair, cchung@ltu.edu

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