

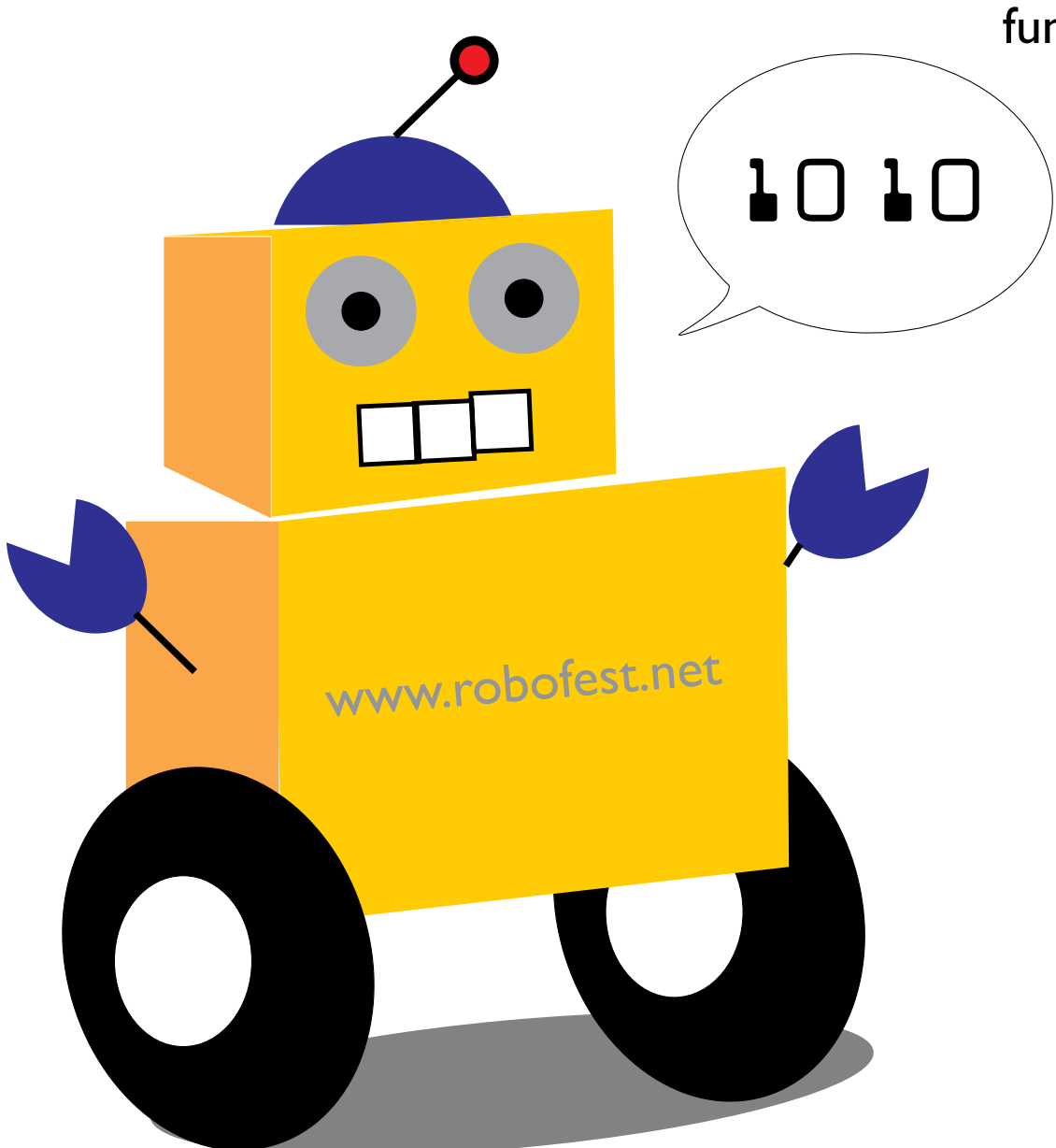
LAWRENCE TECHNOLOGICAL UNIVERSITY ROBOFEST®

Little Robots, Big Missions

A Competition Motivating Young Minds to Master the Machine

2007

Robofest challenges participants to design, build, and program robots to compete in playful missions and exhibitions. Young people have fun while learning computer programming, engineering, math, and science.



Student teams, composed of two to seven members each, can compete in several ways:

Games

Students undertake missions using two fully autonomous robots they have created and programmed to work cooperatively.

Exhibition

Students demonstrate the creative tasks they have designed and programmed their autonomous robots to accomplish.

VEX™ Pentathlon

VEX™ Team Robots can participate in five field events.

Age Divisions

Junior: 5–9 grade Senior: 9–12 grade

New Pilot Categories: Three new pilot categories have been added to the 2007 season: RoboSumo, RoboFashionShow, and "Mini Urban Challenge" using vision-based robots. For details, visit www.robofest.net.

All participants receive medals and framed certificates. Winners at each site, including the World Robofest 2007 Championship, receive prizes and trophies. Top winners in the Game, Exhibition, and VEX™ Pentathlon at the World Robofest Championship will receive \$2,000 Lawrence Tech annual renewable scholarships. (Pilot categories receive prizes only.)

Detailed information on registration and competition rules can be found at www.robofest.net. Admission to all Robofest competition sites is free. For more information, call 248.204.3566 or email robofest@ltu.edu.

Top teams from each U.S. and international competition qualify to compete at the

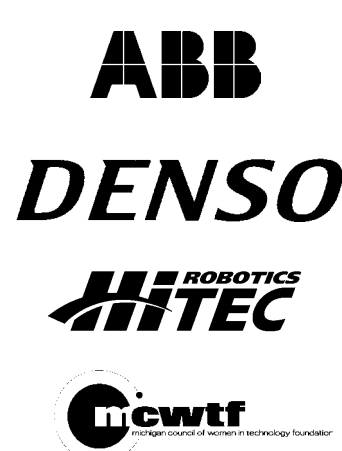
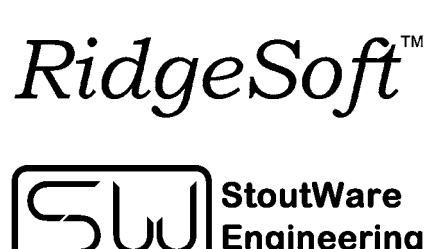
World Robofest Championship

April 28, 2007

Lawrence Technological University
Southfield, Michigan, U.S.A.

U.S. Contest Site	Host	Date	Competition
 Manatee Elementary 3425 Solerno Blvd. Viera, FL 32940	Florida Robotics Imelnik@cfl.rr.com	March 10 1–5 p.m.	Junior Games and Exhibition
 Delta College 1961 Delta Road University Center, MI 48710	Delta College Mathematics/Computer Science Division teklingl@delta.edu	March 17 9 a.m.–1 p.m.	Junior Games and Exhibition
 University of Detroit Jesuit High School and Academy 8400 S. Cambridge Detroit, MI 48220	University of Detroit Jesuit High School and Academy timothy.murphy@uofdjhsuit.org	March 23 5–9 p.m.	Junior and Senior Games and Exhibition
 Charyl Stockwell Academy 9758 E. Highland Road Howell, MI 48843	Kensington Woods High School David Coupland dcoupland@kensingtonwoodshs.com	March 24 1–4 p.m.	Junior and Senior RoboSumo
 Communities in Schools of Detroit, Inc. 5830 Field Detroit, MI 48213	Communities in Schools of Detroit, Inc. Eric Dedmon ericdedmon@cisdetroit.org	March 24 1–4 p.m.	Junior and Senior RoboSumo
 Hill Country Middle School 1300 Walsh Tarleton Road Austin, TX 78746	Learning Links kate@learning-links.org	March 24 1–5 p.m.	Junior and Senior Games and Exhibition
 Sky Valley Education Center 17072 Tye Street SE, Suite 118 Monroe, WA 98272	Sky Valley Education Center olsenc@monroe.wednet.edu	March 24 9 a.m.–1 p.m.	Junior and Senior Games and Exhibition
 St. Clair County RESA 499 Range Road Marysville, MI 48040	St. Clair County RESA cdupuy@sccresa.org	March 24 9 a.m.–1 p.m.	Junior and Senior Games and Junior Exhibition
 Woodland High School 21 N. West Street Woodland, CA 95695	Woodland Robotics Club Woodland High School Fred-schutzman@wjusd.org	March 24 1–5 p.m.	Junior and Senior Games, Exhibition, VEX™ Pentathlon, and Robo-FashionShow
 Macomb Intermediate School District 44001 Garfield Road Clinton Township, MI 48038	Macomb Intermediate School District mklein@misd.net pdrummond@misd.net	March 30 5:30 – 9:30 p.m.	Junior and Senior Games and Exhibition
 Hillside Middle School 775 North Center Northville, MI 48167	Hillside Middle School cracraja@northville.k12.mi.us	March 31 8 a.m.–Noon	Junior Games and Exhibition
 St. Matthew Lutheran Church 21434 East Hardy Road Houston, TX 77073	Gary and Susan Frederick robofest@jsoft.com	April 14 8 a.m.–12:30 p.m.	Junior and Senior Games and Exhibition
 Washtenaw Community College Morris Lawrence Building ML-104 4800 East Huron River Drive Ann Arbor, MI 48106	Washtenaw Community College granlee@wccnet.edu	April 20 5–9 p.m.	Junior and Senior Games and Exhibition
 Ann Arbor Trail Magnet School 7635 Chatham Detroit, MI 48239	Ann Arbor Trail Magnet School Scollon2@yahoo.com	April 21 1–5 p.m.	Junior Games and Exhibition
 Canton Charter Academy 49100 Ford Road Canton, MI 48187	Canton Charter Academy 39.kbonello@nhamail.com	April 21 8 a.m.–Noon	Junior Games and Exhibition
 Macomb Christian Schools 28501 Lorraine Warren, MI 48093	Macomb Christian Schools ddubois@macombchristianschool.org macomb@mac.com	April 21 1–5 p.m.	Junior Games and Exhibition
 Carman-Ainsworth High School 1300 North Linden Road Flint, MI 48532	Genesee Intermediate School District bwelch@geneseeisd.org	April 22 1–5 p.m.	Junior and Senior Games and Exhibition
 Video Submission Contest Site All teams not located near a competition site can submit a video of their Robofest team's performance. Register at www.robofest.net .	Lawrence Tech Department of Math and Computer Science. Visit www.robofest.net for more information.	April 13 Entry Deadline	Junior and Senior Games and Exhibition
 VEX™ Pentathlon Qualifiers Lawrence Technological University Don Ridler Field House 21000 West Ten Mile Road Southfield, MI 48075	Cranbrook Kingswood Robotics Team blamb@cranbrook.edu	April 27 3–9 p.m.	Pentathlon Qualifiers
 Pilot Category Qualifiers Lawrence Technological University Don Ridler Field House 21000 West Ten Mile Road Southfield, MI 48075	College of Arts and Sciences Department of Mathematics and Computer Science	April 27 3–9 p.m.	Qualifiers for RoboSumo, RoboFashionShow, and Collegiate Robofest
International Contest Site	Host	Date	Competition
 iHop by Club 21 8 Grange Road Orchard Cineleisure Singapore	ELPMIS International Pte. Ltd. Robofest@elpmis.com	November 21–25, 2006	Junior and Senior Games and Sumo
 HanyulKid Hanyul University – Ansan Campus 1271 Sa-1dong, Aandnok-gu Ansan, Gyeonggi-do Republic of Korea 420-736	HanyulKid rnd@skyschool.net	January 26	Junior and Senior Games and Exhibition
 Windsor Crossing Premium Outlet Mall Block Robotics Learning Sally Mancini 1555 Talbot Road LaSalle, Ontario, Canada N9H 2N2	Block Robotics Learning Sally Mancini LegoLearning@hotmail.com	March 4 2–4 p.m.	RoboFashionShow
 G.S. Lakie Middle School 50 Blackfoot Road W. Lethbridge, Alberta, Canada T1K 7P7	G.S. Lakie Middle School luke.anderberg@lethsd.ab.ca	March 10 9 a.m.–1 p.m.	Junior and Senior Games and Exhibition
World Robofest 2007 Championship	Host	Date	Competition
 Lawrence Technological University Don Ridler Field House 21000 West Ten Mile Road Southfield, MI 48075	College of Arts and Sciences Department of Mathematics and Computer Science	April 28 8 a.m.–4 p.m.	Junior and Senior Games and Exhibition, VEX™ Pentathlon, VEX™, and Pilot Category Finals

Robofest Sponsors



College of Arts and Sciences
Department of Mathematics and Computer Science
21000 West Ten Mile Road
Southfield, MI 48075-1058
www.ltu.edu
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