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RoboFest 2000 Committee Members

- Dr. Lisa **Anneberg**, Department of Electrical and Computer Engineering
- Dr. William **Arlinghaus**, Department of Math and Computer Science
- Dr. David **Bindschadler**, Department of Math and Computer Science
- Dr. Andrew **Borchers**, College of Management
- Dr. Chan-Jin **Chung**, Department of Math and Computer Science
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- Dr. James **Rodgers**, College of Arts & Sciences
- Mr. Rory **Savageau**, Veraldi Center for Educational Technology
- Dr. George **Towfic**, Department of Math and Computer Science
- Prof. Howard **Whitston**, Veraldi Center for Educational Technology

Judges: Ms. Amaranth, Dr. Bindschadler(*), Dr. Chung, Dr. Towfic

Referees: Dr. Borchers(*), Mr. Joseph Fritsch, Prof. Abdul Itani, Mr. Phil Johnson

Inspectors: Mr. Savageau(*), Prof. Whitston, Sal Biondo, Marc W. Dula

Volunteers

Carolyn Begle, Sal Biondo, David Chamulak, Wei-Wen Chang, Rena Chen, Cong Chen, Min Chung, Marc W. Dula, Ashish Gugnani, Byungseon Kong, Ken Kopp, Shan Lu, Pao-hung Lu, James Soulier, Joel Thomas, Mary Thomas, Deanna Tucci, Orlando Warren, Yuhong Wang

LTU Musicians' Society: Kevin Nagy (President, keyboard), Carolyn Begle (Vice-president, acoustic guitar), Jeff Pierfelice (Tenor Saxophone), Jason Cooley (bass guitar), Mark Retenga (guitar, vocals) **Poster Design:** Dr. Sandra Arlinghaus, **Poster Printing:** Scott Catallo, **Emcee:** Nathan Loria

LAWRENCE TECHNOLOGICAL UNIVERSITY



Saturday, April 15, 2000 1 - 6 p.m.

A new generation of computerized robot kits, such as Lego® MindStorms™, is opening up possibilities for playful learning. Lawrence Tech's RoboFest 2000 is an open contest in which the participants can show off their robots while learning problem-solving techniques, teamwork, mechanics, physics, creativity, logic, mathematics and computer programming.

Autonomous Robot Games

- Robo Race (only for junior division)
- Robo Fire-Fighter Race
- Robo Tag

Divisions

- Junior (6th to 12th grade students)
- Senior (college students)

Prizes

- Junior Division
 - ✧ Within each game category: 1st place - \$300 Savings Bond, 2nd - \$250 Bond, 3rd - \$200 Bond
 - ✧ \$1,000 scholarship to LTU for the three best Junior Division teams
- Senior Division per team: 1st place - \$300 Savings Bond, 2nd - \$250 Bond, 3rd - \$200 Bond
- Special Awards
 - ✧ Most innovative design awards
 - ✧ Leadership awards to teachers/coaches

www.robofest.net

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RoboFest 2000 Program

| | |
|-------------|---|
| Noon | Team Registration begins |
| 1:00 | Fanfare - LTU Musicians' Society Robo Tag Qualifying Tests |
| 1:30 | Opening Ceremony - Ms. Mary Ann Marcum National Anthem - LTU Musicians' Society Opening Remarks: <ul style="list-style-type: none"> ✧ Dr. Charles M. Chambers, LTU, President ✧ Ms. Patricia Amaranth, Blue Cross Blue Shield of Michigan, Vice President and Chief Technologist ✧ Dr. Chan-Jin Chung, Director of RoboFest 2000 Introduction of Teams/Coaches, RoboFest Committee, Judges, and Referees - Ms. Marcum Explanation of Game Rules - Dr. Andrew Borchers, Chief Referee Explanation of Judging - Dr. David Bindschadler, Chief Judge |
| 2:00 | Robot Games <ul style="list-style-type: none"> ✧ Junior Division Robo Race <i>and Interview with Judges</i> ✧ Senior Division Robo Tag <i>Robo Raffle I</i> ✧ Junior Division Robo Firefighter Race ✧ Junior Division Robo Tag <i>Robo Raffle II</i> ✧ Senior Division Robo Firefighter Race |
| 5:10 | Closing and Award Ceremony - Ms. Marcum Closing Remarks and Award of Prizes and Scholarships <ul style="list-style-type: none"> - Dr. Lewis Walker, Provost [Demonstration of Winning Robots] Closing Remarks and Award of Special Awards and Medals <ul style="list-style-type: none"> - Dr. James Rodgers, Dean of Arts & Sciences |

Registered Team List (as of March 15)

| <u>Team Name</u> | <u>School/Organization Name</u> | <u>Sponsor</u> | <u>City</u> |
|---------------------------|-------------------------------------|---|--------------|
| AAAV | The Roeper School | | Birmingham |
| Bluestreaks | Ida Middle School | | Ida |
| BPC30 | The Roeper School | | Birmingham |
| Burners | Western International High | Blue Cross Blue Shield | Detroit |
| Central Trailblazers | Central High School | DAPCEP | Detroit |
| CMS | Clarkston Middle School | | Clarkston |
| Combat Squad | Mumford High School | Blue Cross Blue Shield | Detroit |
| Compact Colts | Northwestern Compact Program | Blue Cross Blue Shield | Detroit |
| Cowboys | Western International High School | Blue Cross Blue Shield | Detroit |
| 'Da Cubs #1 | Norup Middle School | | Oak Park |
| 'Da Cubs #2 | Norup Middle School | | Oak Park |
| 'Da Cubs #3 | Norup Middle School | | Oak Park |
| 'Da Cubs #4 | Norup Middle School | | Oak Park |
| Davis Eagles | Davis Aerospace High School | Blue Cross Blue Shield | Detroit |
| DENDY TARS | Denby Tech. And Prep. High School | Dr. Wilbert Sherrod | Detroit |
| Dragon Legogizers | Michigan Metro Girl Scout Council | Tina M. Larson | Birmingham |
| Dragon Legogizers, Too | Michigan Metro Girl Scout Council | Tina M. Larson | Birmingham |
| Earhart Aviators 1 | Amelia Earhart Middle School | | Detroit |
| Earhart Aviators 2 | Amelia Earhart Middle School | | Detroit |
| Earhart Aviators 3 | Amelia Earhart Middle School | | Detroit |
| Earhart Aviators 4 | Amelia Earhart Middle School | | Detroit |
| ECE Department | Lawrence Technological University | ECE Department | Southfield |
| Finney's Finest | Jared W. Finney High School | | Detroit |
| Goodrich Torpedoes | Oaktree Elementary | | Goodrich |
| Hawaii 3-oh | University of Michigan-Dearborn | ACM, U of M - Dearborn | Dearborn |
| James | Lawrence Technological University | Math/Computer Sci. Dept. | Southfield |
| Joe Engalan | Lawrence Technological University | Math/Computer Sci. Dept. | Southfield |
| King Crusaders I | Martin Luther King, Jr. Senior High | Blue Cross Blue Shield | Detroit |
| King Crusaders II | Martin Luther King, Jr. Senior High | | Detroit |
| Levey Legends | Levey Middle School | Southfield Public Schools | Southfield |
| Little Peoples | Carman Park Elementary | United Way of Genesee County / Bridges | Flint |
| M.S.H. | The Roeper School | | Birmingham |
| Pioneer | Lawrence Technological University | Math/Computer Sci. Dept | Southfield |
| Pioneers | Harper Woods Secondary School | Harper Woods Parents Clb | Harper Woods |
| Raiders | Henry Ford Academy / FORD | Y.B. Graves | Dearborn |
| Rebels | Larson Middle School | COBO DC | Troy |
| Rocket | Pershing High School | Blue Cross Blue Shield | Detroit |
| Roeper BMG | The Roeper School | | Birmingham |
| Stratus | Lawrence Technological University | Math/Computer Sci. Dept | Southfield |
| Team Husky | Redford High School | | Detroit |
| The "A" Team | Lawrence Technological University | Sv3 Media Group | Southfield |
| The Cougars | Coffey Middle School | | Detroit |
| The Wright Robot | Coffey Middle School | | Detroit |
| YC 1 | First Baptist Church of Royal Oak | FBCRO Youth Connection | Royal Oak |
| YC 2 | First Baptist Church of Royal Oak | FBCRO Youth Connection | Royal Oak |
| ZeBot | Lawrence Technological University | Math/Computer Sci. Dept. | Southfield |

See you again for RoboFest 2001!

www.robofest.net