

The 16TH Annual Intelligent Ground Vehicle Competition

Oakland University
Rochester, Michigan
May 30TH - June 2ND, 2008

Autonomous Challenge

(Course length was 575 feet.)

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|--|-------------------|
| 1. Bluefield State College
Distance: 600 feet
Time: 3 minutes 8 seconds
Prize: \$ 3,000 | Team 1: Anassa IV |
| 2. Lawrence Technological University
Distance: 420 feet
Time: 5 minutes
Prize: \$ 2,500 | Team: Viper |
| 3. University of Michigan – Dearborn
Distance: 355 feet
Time: 4 minutes 49 seconds
Prize: \$ 2,000 | Team 2: Wolf |
| 4. University of Detroit Mercy
Distance: 354 feet
Time: 5 minutes
Prize: \$ 1,500 | Team: CERATOPS |
| 5. Embry-Riddle Aeronautical University
Distance: 233 feet
Time: 2 minutes 37 seconds
Prize: \$ 1,000 | Team: Reagle |
| 6. Princeton University
Distance: 233 feet
Time: 2 minutes 45 seconds
Prize: \$ 100 | Team: Kratos |
| 7. Trinity College
Distance: 201 feet
Time: 5 minutes | Team: Q |
| 8. École de technologie supérieure
Distance: 201 feet
Time: 3 minutes 1 second | Team: RS3 |

9. Georgia Institute of Technology Distance: 185 feet Time: 1 minute 59 seconds	Team: Candii
10. The College of New Jersey Distance: 181 feet Time: 1 minute 27 seconds	Team: Spinster
11. University of Michigan – Dearborn Distance: 158 feet Time: 2 minutes 24 seconds	Team 1: Raptor
12. Hosei University Distance: 80 feet Time: 1 minute 28 seconds	Team: Omnix 2008
13. Missouri University of Science and Technology Distance: 78 feet Time: 48 seconds	Team 3: triMAXion
14. Oakland University Distance: 78 feet Time: 1 minute 18 seconds	Team: X-man
15. University of Buffalo Distance: 76 feet Time: 1 minute 50 seconds	Team: Athena
16. University of Massachusetts – Lowell Distance: 72 feet Time: 46 seconds	Team: MCP III
17. University of Cincinnati Distance: 65 feet Time: 1 minutes 32 seconds	Team: Bearcat Cub
18. Bob Jones University Distance: 65 feet Time: 1 minute 55 seconds	Team: Abel
19. University of Akron Distance: 49 feet Time: 2 minutes 43 seconds	Team: Land ROOver
20. University of Delaware Distance: 38 feet Time: 45 seconds	Team: Warthog

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|---|---------------------------|
| 21. City College of New York
Distance: 35 feet
Time: 1 minute 56 seconds | Team: Bender |
| 22. California State University – Chico
Distance: 23 feet
Time: 1 minute 10 seconds | Team: Step 5 |
| 23. Missouri University of Science and Technology
Distance: 18 feet
Time: 1 minute 15 seconds | Team 1: Aluminator |
| 24. California State University – Northridge
Distance: 15 feet
Time: 2 minutes 23 seconds | Team 1: LinBot |
| 25. Pennsylvania State University
Distance: 12 feet
Time: 10 seconds | Team: Nittalion Battalion |

Design Competition

Finalist

- | | |
|---|-------------------|
| 1. Princeton University
Score: 997.83/1100
Prize: \$ 2,000 | Team: H2Bot II |
| 2. Embry-Riddle Aeronautical University
Score: 988.58/1100
Prize: \$ 1,500 | Team: Reagle |
| 3. University of Detroit Mercy
Score: 986.67/1100
Prize: \$ 1,000 | Team: CERATOPS |
| 3. California State University – Northridge
Score: 981.08/1100
Prize: \$ 300 | Team 2: NorMAN |
| 5. École de technologie supérieure
Score: 978.75/1100
Prize: \$ 500 | Team: RS3 |
| 6. Missouri University of Science and Technology
Score: 929.33/1100
Prize: \$ 250 | Team 3: triMAXion |

Design Group A

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|---|---------------------------|
| 1. University of Detroit Mercy
Score: 990/1100 | Team: CERATOPS |
| 2. Princeton University
Score: 989/1100 | Team: Kratos |
| 3. Embry-Riddle Aeronautical University
Score: 963.67/1100 | Team: Reagle |
| 4. University of Central Florida
Score: 962.33/1100 | Team: Gamblore |
| 5. University of Michigan – Dearborn
Score: 960/1100 | Team 1: Raptor |
| 6. Trinity College
Score: 948.67/1100 | Team: Q |
| 7. Pennsylvania State University
Score: 947.33/1100 | Team: Nittalion Battalion |
| 8. Hosei University
Score: 942/1100 | Team: Omnix 2008 |
| 9. Bob Jones University
Score: 914.67/1100 | Team 2: Cornelius |
| 10. University of Wisconsin – Madison
Score: 910/1100 | Team1: Paradroid |
| 11. University of Wisconsin – Madison
Score: 890.33/1100 | Team 2: ReWIRED |
| 12. Bluefield State College
Score: 887.67/1100 | Team 1: Anassa IV |
| 13. University of Illinois – Chicago
Score: 884/1100 | Team: Achilles |
| 14. Louisiana State University
Score: 840.67/1100 | Team: MikeRobot |
| 15. University of Massachusetts – Lowell
Score: 832/1100 | Team: MCP III |
| 16. Rochester Institute of Technology
Score: 755.33/1100 | Team: AMOS III |

17. Case Western Reserve University Score: 675/1100	Team: Harlie
18. University of Michigan – Dearborn Score: 672/1100	Team 2: Wolf
19. City College of New York Score: 622/1100	Team: Bender
20. Bluefield State College Score: 608.67/1100	Team 2: Archon
21. The College of New Jersey Score: 490.67/1100	Team: Spinster
22. Bob Jones University Score: 832/1100	Team 1: Abel
23. Rose-Hulman Institute of Technology Score: 424.33/1100	Team: RATT
<u>Design Group B</u>	
1. École de technologie supérieure Score: 980.67/1100	Team: RS3
2. California State University – Northridge Score: 979.33/1100	Team 2: NorMAN
3. Missouri University of Science and Technology Score: 931.67/1100	Team 3: triMAXion
4. Oakland University Score: 928.33/1100	Team: X-man
5. Elizabethtown College Score: 906.67/1100	Team: Wunderbot IV
5. Lawrence Technological University Score: 906.67/1100	Team: Viper
7. California State University – Northridge Score: 903.33/1100	Team 1: LinBot
8. California State University – Chico Score: 901.33/1100	Team: Step 5
9. University of Akron Score: 894.67/1100	Team: Land ROOver

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| 10. University of Buffalo
Score: 887.33/1100 | Team: Athena |
| 11. University of Texas – Arlington
Score: 886.33/1100 | Team: Mav-Bot |
| 12. Tennessee Technological University
Score: 878.67/1100 | Team: Tech Bot |
| 13. University of Cincinnati
Score: 844.33/1100 | Team: Bearcat Cub |
| 14. University of Waterloo
Score: 843.67/1100 | Team: Q-BERT |
| 15. University of Delaware
Score: 804/1100 | Team: Warthog |
| 16. Missouri University of Science and Technology
Score: 798/1100 | Team 2: Stereo Opticon |
| 17. Missouri University of Science and Technology
Score: 788.67/1100 | Team 1: Aluminator |
| 18. Georgia Institute of Technology
Score: 778.33/1100 | Team: Candii |

Navigation Challenge

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|---|------------------|
| 1. University of Detroit Mercy
Waypoints: 8/9
Time: 2 minutes 43 seconds
Prize: \$ 2,500 | Team: CERATOPS |
| 2. University of Michigan – Dearborn
Waypoints: 8/9
Time: 4 minutes 56 seconds
Prize: \$ 2,000 | Team 2: Wolf |
| 3. Hosei University
Waypoints: 7/9
Time: 2 minutes 26 second
Prize: \$ 1,500 | Team: Omnix 2008 |
| 4. Princeton University
Waypoints: 7/9
Time: 3 minutes 33 seconds
Prize: \$ 1,000 | Team: Kratos |

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|---|---------------------------|
| 5. Embry-Riddle Aeronautical University
Waypoints: 5/9
Time: 1 minute 17 seconds
Prize: \$ 200 | Team: Reagle |
| 6. University of Delaware
Waypoints: 5/9
Time: 1 minute 23 seconds
Prize: \$ 100 | Team: Warthog |
| 7. Pennsylvania State University
Waypoints: 5/9
Time: 2 minutes 6 seconds | Team: Nittalion Battalion |
| 8. University of Cincinnati
Waypoints: 5/9
Time: 2 minutes 14 seconds | Team: Bearcat Cub |
| 9. University of Buffalo
Waypoints: 5/9
Time: 2 minutes 51 seconds | Team: Athena |
| 10. California State University – Northridge
Waypoints: 5/9
Time: 5 minutes 37 seconds | Team 1: LinBot |
| 11. Bluefield State College
Waypoints: 4/9
Time: 1 minute 2 seconds | Team: Anassa IV |
| 12. Case Western Reserve University
Waypoints: 4/9
Time: 3 minutes | Team 2: Harlie |
| 13. The College of New Jersey
Waypoints: 3/9
Time: 1 minute 13 second | Team: Spinster |
| 14. University of Akron
Waypoints: 2/9
Time: 1 minute 20 seconds | Team: Land ROOver |
| 15. Bob Jones University
Waypoints: 2/9
Time: 2 minutes 19 seconds | Team: Abel |

16. University of Michigan – Dearborn
Waypoints: 1/9
Time: 14 seconds

Team 2: Raptor

17. Lawrence Technological University
Waypoints: 1/9
Time: 15 seconds

Team: Viper

18. Trinity College
Waypoints: 1/9
Time: 54 seconds

Team: Q

19. University of Massachusetts – Lowell
Waypoints: 0/9

Team: MCP III

JAUS Challenge

Hosei University
Level: III
Prize: \$ 500

Team: Omnix 2008

Lawrence Technological University
Level: III
Prize: \$ 500

Team: Viper

California State University – Northridge
Level: II
Prize: \$ 500

Team 1: LinBot

Elizabethtown College
Level: II
Prize: \$ 500

Team: Wunderbot IV

Embry-Riddle Aeronautical University
Level: II
Prize: \$ 500

Team: Reagle

Oakland University
Level: II
Prize: \$ 500

Team: X-man

Princeton University
Level: II
Prize: \$ 500

Team: Kratos

Trinity College
Level: II
Prize: \$ 500

Team: Q

University of Buffalo
Level: II
Prize: \$ 500

Team: Athena

University of Central Florida
Level: II
Prize: \$ 500

Team: Gamblore

University of Texas – Arlington
Level: II
Prize: \$ 500

Team: Mav-Bot

Rookie of the Year Award

Princeton University
Prize: \$ 1,000

Team: Kratos

Grand Award

1. University of Detroit Mercy
Points: 78

Team: CERATOPS

2. University of Michigan – Dearborn
Points: 62

Team 2: Wolf

3. Princeton University
Points: 50

Team: Kratos

4. Bluefield State College
Points: 26

Team 1: Anassa IV

5. Lawrence Technological University
Points: 46

Team: Viper

6. Embry-Riddle Aeronautical University
Points: 44

Team: Reagle

7. Hosei University
Points: 30

Team: Omnix 2008

8. École de technologie supérieure
Points: 10

Team: RS3

9. California State University – Northridge
Points: 6

Team 2: NorMAN

10. California State University – Northridge
Points: 4

Team 1: LinBot

10. Elizabethtown College Points: 4	Team: Wunderbot IV
10. Missouri University of Science and Technology Points: 4	Team 3: triMAXion
10. Oakland University Points: 4	Team: X-man
10. Trinity College Points: 4	Team: Q
10. University of Buffalo Points: 4	Team: Athena
10. University of Central Florida Points: 4	Team: Gamblore
10. University of Texas – Arlington Points: 4	Team: Mav-Bot
18. Bob Jones University Points: 2	Team: Cornelius
18. Rochester Institute of Technology Points: 2	Team: AMOS III
18. University of Wisconsin – Madison Points: 2	Team 1: Paradroid
18. University of Wisconsin – Madison Points: 2	Team 2: ReWIRED
18. University of Delaware Points: 2	Team: Warthog