

The 15TH Annual Intelligent Ground Vehicle Competition

Oakland University
Rochester, Michigan
June 8TH - 11TH, 2007

Autonomous Challenge

(Course length was 910 feet.)

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| 1. Virginia Polytechnic Institute and State University
Distance: 853 feet
Time: 5 minutes
Prize: \$ 3,000 | Team 2: Johnny-5 |
| 2. University of Minnesota – Twin Cities
Distance: 496 feet
Time: 5 minutes
Prize: \$ 800 | Team: AWESOM - O 2007 |
| 3. University of Detroit Mercy
Distance: 344 feet
Time: 5 minutes
Prize: \$ 600 | Team: CAPACITOPS |
| 4. Virginia Polytechnic Institute and State University
Distance: 327 feet
Time: 2 minutes 40 seconds | Team 3: Polaris |
| 5. École de technologie supérieure
Distance: 243 feet
Time: 5 minutes
Prize: \$ 400 | Team: RS3 |
| 6. University of Michigan – Dearborn
Distance: 211 feet 6 inches
Time: 3 minutes 28 seconds
Prize: \$ 200 | Team: Wolf |
| 7. Georgia Institute of Technology
Distance: 123 feet
Time: 1 minute 42 seconds | Team: Candi |
| 8. The College of New Jersey
Distance: 100 feet
Time: 2 minutes | Team: AMBER |

9. Hosei University Distance: 98 feet Time: 53 seconds	Team: Omnix 2007
10. Bluefield State College Distance: 90 feet Time: 45 seconds	Team: Anassa III
11. Lawrence Technological University Distance: 90 feet Time: 1 minute 42 seconds	Team 2: H2Bot II
12. Trinity College Distance: 88 feet Time: 2 minutes 22 seconds	Team: Q
13. Bob Jones University Distance: 82 feet Time: 1 minute 49 seconds	Team: Balthasar
14. California State University – Northridge Distance: 81 feet Time: 1 minute 22 seconds	Team: LinBot
15. Cedarville University Distance: 77 feet Time: 45 seconds	Team: Yellow Jacket III
16. University of Wisconsin – Madison Distance: 76 feet Time: 49 seconds	Team: ReWIRED
17. University of Texas – Austin Distance: 75 feet Time: 1 minutes 18 seconds	Team: BlastyRAS
18. University of Cincinnati Distance: 73 feet Time: 2 minutes	Team: Bearcat Cub
19. University of Delaware Distance: 36 feet Time: 23 seconds	Team: Warthog
20. University of Missouri – Rolla Distance: 23 feet Time: 19 seconds	Team 1: Aluminator

21. University of Massachusetts – Lowell
Distance: 18 feet
Time: 18 seconds

Team: MCP

Design Competition

Finalist

1. Lawrence Technological University
Score: 879/1100
Prize: \$ 2,000

Team 2: H2Bot II

2. Hosei University
Score: 855.23/1100
Prize: \$ 1,500

Team: Omnix 2007

3. University of Central Florida
Score: 845.98/1100
Prize: \$ 200

Team: Gamblore

3. Virginia Polytechnic Institute and State University
Score: 845.25/1100
Prize: \$ 875

Team 3: Polaris

5. California State University – Northridge
Score: 842/1100
Prize: \$ 500

Team: LinBot

6. Bluefield State College
Score: 829.21/1100
Prize: \$ 250

Team: Anassa III

Design Group A

1. Lawrence Technological University
Score: 855/1100

Team 2: H2Bot II

2. California State University – Northridge
Score: 834.5/1100

Team: LinBot

3. Virginia Polytechnic Institute and State University
Score: 822.5/1100

Team 3: Polaris

4. Virginia Polytechnic Institute and State University
Score: 822/1100

Team 1: Chimera

5. University of Missouri – Rolla
Score: 803/1100

Team 2: Stereo Opticon

6. Virginia Polytechnic Institute and State University Score: 801.5/1100	Team 2: Johnny-5
7. University of Delaware Score: 774.5/1100	Team: Warthog
8. University of Missouri – Rolla Score: 745.5/1100	Team 1: Aluminator
9. Georgia Institute of Technology Score: 743/1100	Team: Candi
10. University of Illinois – Chicago Score: 736/1100	Team: Achilles
11. University of Texas – Austin Score: 730.5/1100	Team: BlastyRAS
12. Oakland University Score: 725.5/1100	Team: Zeus
13. University of Cincinnati Score: 687.5/1100	Team: Bearcat Cub
14. Lawrence Technological University Score: 685.5/1100	Team 1: Armadillo
15. École de technologie supérieure Score: 594/1100	Team: RS3
16. Stony Brook University Score: 441/1100	Team: TNA
<u>Design Group B</u>	
1. Hosei University Score: 970.75/1100	Team: Omnix 2007
2. Bluefield State College Score: 956.75/1100	Team: Anassa III
3. University of Central Florida Score: 943.75/1100	Team: Gamblore
4. University of Detroit Mercy Score: 926.75/1100	Team: CAPACITOPS

5. University of Wisconsin – Madison
Score: 921/1100

Team: ReWIRED

6. Trinity College
Score: 903.5/1100

Team: Q

7. Bob Jones University
Score: 868/1100

Team: Balthasar

8. The College of New Jersey
Score: 859/1100

Team: AMBER

9. Rochester Institute of Technology
Score: 843/1100

Team: Overlord

10. University of Minnesota – Twin Cities
Score: 830.5/1100

Team: AWESOM - O 2007

11. University of Massachusetts – Lowell
Score: 830/1100

Team: MCP

12. The City College of New York
Score: 820.75/1100

Team: BeaverBot

13. University of Michigan – Dearborn
Score: 742.5/1100

Team: Wolf

14. Cedarville University
Score: 689/1100

Team: Yellow Jacket III

15. DeVry Calgary
Score: 25/1100

Team: Mercury

Navigation Challenge

1. Virginia Polytechnic Institute and State University
Waypoints: 8/8
Time: 4 minutes 6 seconds
Prize: \$ 2,500

Team 2: Johnny-5

2. Hosei University
Waypoints: 8/8
Time: 4 minutes 58 seconds
Prize: \$ 2,000

Team: Omnix 2007

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| 3. University of Detroit Mercy
Waypoints: 8/8
Time: 6 minutes 1 second
Prize: \$ 1,500 | Team: CAPACITOPS |
| 4. University of Minnesota – Twin Cities
Waypoints: 6/8
Time: 6 minutes 14 seconds
Prize: \$ 200 | Team: AWESOM - O 2007 |
| 5. University of Michigan – Dearborn
Waypoints: 5/8
Time: 6 minutes 42 seconds
Prize: \$ 100 | Team: Wolf |
| 6. University of Massachusetts – Lowell
Waypoints: 4/8
Time: 5 minutes 32 seconds
Prize: \$ 100 | Team: MCP |
| 7. University of Cincinnati
Waypoints: 4/8
Time: 6 minutes 11 seconds | Team: Bearcat Cub |
| 8. Trinity College
Waypoints: 3/8
Time: 2 minutes 55 seconds | Team: Q |
| 9. École de technologie supérieure
Waypoints: 3/8
Time: 3 minutes 59 seconds | Team: RS3 |
| 10. Bob Jones University
Waypoints: 3/8
Time: 4 minutes 8 seconds | Team: Balthasar |
| 11. University of Delaware
Waypoints: 2/8
Time: 1 minute 11 seconds | Team: Warthog |
| 12. Lawrence Technological University
Waypoints: 2/8
Time: 1 minute 20 seconds | Team 2: H2Bot II |
| 13. California State University – Northridge
Waypoints: 2/8
Time: 1 minute 53 second | Team: LinBot |

14. University of Wisconsin – Madison
Waypoints: 1/8
Time: 20 seconds

Team: ReWIRED

15. Cedarville University
Waypoints: 1/8
Time: 27 seconds

Team: Yellow Jacket III

16. The College of New Jersey
Waypoints: 1/8
Time: 52 seconds

Team: AMBER

17. Bluefield State College
Waypoints: 0/8

Team: Anassa III

17. Georgia Institute of Technology
Waypoints: 0/8

Team: Candi

17. University of Texas – Austin
Waypoints: 0/8

Team: BlastyRAS

17. Virginia Polytechnic Institute and State University
Waypoints: 0/8

Team 3: Polaris

JAUS Challenge

Bob Jones University
Level: I
Prize: \$ 500

Team: Balthasar

École de technologie supérieure
Level: II
Prize: \$ 500

Team: RS3

Hosei University
Level: II
Prize: \$ 500

Team: Omnix 2007

Lawrence Technological University
Level: II
Prize: \$ 500

Team: H2Bot II

Rochester Institute of Technology
Level: I
Prize: \$ 500

Team: Overlord

University of Cincinnati
Level: II
Prize: \$ 500

Team: Bearcat Cub

University of Minnesota – Twin Cities
Level: I
Prize: \$ 500

Team: AWESOM - O 2007

University of Texas – Austin
Level: I
Prize: \$ 500

Team: BlastyRAS

University of Wisconsin – Madison
Level: I
Prize: \$ 500

Team: ReWIRED

Virginia Polytechnic Institute and State University
Level: I
Prize: \$ 500

Team 3: Polaris

Rookie of the Year Award

University of Delaware
Prize: \$ 500

Team: Warthog

Grand Award

1. Virginia Polytechnic Institute and State University
Points: 84

Team 2: Johnny-5

2. Hosei University
Points: 50

Team: Omnix 2007

3. University of Detroit Mercy
Points: 40

Team: CAPACITOPS

4. University of Minnesota – Twin Cities
Points: 26

Team: AWESOM - O 2007

4. Virginia Polytechnic Institute and State University
Points: 26

Team 3: Polaris

6. Lawrence Technological University
Points: 24

Team 2: H2Bot II

7. California State University – Northridge
Points: 8

Team: LinBot

7. École de technologie supérieure
Points: 8

Team: RS3

7. University of Michigan – Dearborn
Points: 8

Team: Wolf

10. University of Central Florida
Points: 7

Team: Gamblore

11. Bluefield State College
Points: 4

Team: Anassa III

12. University of Massachusetts – Lowell
Points: 2

Team: MCP