

The 18TH Annual Intelligent Ground Vehicle Competition

Oakland University
Rochester, Michigan
June 4TH – 7TH, 2010

Autonomous Challenge

(Course length was 556 feet.)

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| 1. University of Detroit Mercy
Distance: 509 feet
Time: 5 minutes
Award: \$ 5,000 | Team: Cerberus |
| 2. Trinity College
Distance: 292 feet
Time: 3 minutes 15 seconds
Award: \$ 4,000 | Team: Q |
| 3. University of Delaware
Distance: 256 feet
Time: 3 minutes
Award: \$ 600 | Team: Warthog |
| 4. Hosei University
Distance: 239 feet
Time: 2 minutes 25 seconds
Award: \$ 400 | Team: Orange2010 |
| 5. California State University - Northridge
Distance: 197 feet
Time: 3 minutes 17 seconds
Award: \$ 200 | Team: NorMAN, Jr. |
| 6. Georgia Institute of Technology
Distance: 196 feet
Time: 2 minutes 10 seconds
Award: \$ 100 | Team: Jeanni |
| 7. Michigan Technological University
Distance: 192 feet
Time: 3 minutes 27 seconds | Team: Hi-Techie |
| 8. University of Michigan - Dearborn
Distance: 174 feet
Time: 4 minutes 18 seconds | Team: Wolf |

9. The City College of New York Distance: 135 feet Time: 5 minutes	Team: City Alien
10. United States Naval Academy Distance: 132 feet Time: 1 minute 30 seconds	Team: Robo-Goat
11. Embry-Riddle Aeronautical University Distance: 60 feet Time: 1 minute 4 seconds	Team: Reagle 3
12. Bob Jones University Distance: 56 feet Time: 1 minute 31 seconds	Team: Euroclydon
13. Oakland University Distance: 55 feet Time: 40 seconds	Team: Beast
14. University of Massachusetts - Lowell Distance: 55 feet Time: 38 seconds	Team: Stark
15. University of Massachusetts - Lowell Distance: 50 feet Time: 50 seconds	Team: MCP III.5
16. SUNY University of Buffalo Distance: 48 feet Time: 32 seconds	Team: Big Blue
17. École de technologie supérieure Distance: 45 feet Time: 35 seconds	Team: RS3
18. Bob Jones University Distance: 37 feet Time: 2 minutes	Team: Eran
19. The Pennsylvania State University Distance: 37 feet Time: 2 minutes 17 seconds	Team: AI
20. Franklin W. Olin College of Engineering Distance: 33 feet Time: 16 seconds	Team: Athena

21. Rochester Institute of Technology
Distance: 30 feet
Time: 37 seconds

Team: AMOS III

22. University of Wisconsin - Madison
Distance: 30 feet
Time: 1 minute 17 seconds

Team: Paradroid

23. University of Cincinnati
Distance: 29 feet
Time: 21 seconds

Team: Bearcat Cub Micro

24. École de technologie supérieure
Distance: 28 feet
Time: 18 seconds

Team: Herbinator

25. Lawrence Technological University
Distance: 24 feet
Time: 29 seconds

Team: H2.2 Bot

26. Missouri University of Science and Technology
Distance: 18 feet
Time: 15 seconds

Team: Aluminator

27. Lawrence Technological University
Distance: 18 feet
Time: 1 minute 41 seconds

Team: Culture Shock II

28. Bluefield State University
Distance: 3 feet
Time: 3 seconds

Team: Wall-E

Design Competition

Finalist

1. The City College of New York
Score: 382.67/450
Award: \$ 3,000

Team: City Alien

2. Princeton University
Score: 356.50/450
Award: \$ 2,000

Team: Phobetor

3. Franklin W. Olin College of Engineering
Score: 353.50/450
Award: \$ 1,000

Team: Athena

4. California State University - Northridge
Score: 350.67/450
Award : \$ 750

Team: NorMAN Jr.

5. Hosei University
Score: 324.5/450
Award: \$ 500

Team: Orange2010

6. Missouri University of Science and Technology
Score: 321.5/450
Award: \$ 250

Team: Aluminator

Design Group A

1. California State University - Northridge
Score: 915.67/1100

Team: NorMAN Jr.

2. The City College of New York
Score: 869.33/1100

Team: City Alien

3. Franklin W. Olin College of Engineering
Score: 860/1100

Team: Athena

4. Lawrence Technological University
Score: 847.27/1100

Team: Culture Shock II

5. University of Detroit Mercy
Score: 813/1100

Team: Cerberus

6. Embry-Riddle Aeronautical University
Score: 799.67/1100

Team: Reagle III

7. The Pennsylvania State University
Score: 798.6/1100

Team: AI

8. University of Wisconsin - Madison
Score: 786/1100

Team: Paradroid

9. University of Massachusetts - Lowell
Score: 769.33/1100

Team: Stark

10. Trinity College
Score: 762/1100

Team: Q

11. Rochester Institute of Technology
Score: 752/1100

Team: AMOS III

12. University of Cincinnati
Score: 742.67/1100

Team: Bearcat Cub Micro

13. Case Western Reserve University Score: 733/1100	Team: Harlie
14. University of Illinois - Chicago Score: 722.67/1100	Team: Enyo
15. Worcester Polytechnic Institute Score: 719.67/1100	Team: Prometheus
16. Michigan Technological University Score: 687.67/1100	Team: Hi-Techie
17. École de technologie supérieure Score: 656/1100	Team: Herbinator
18. University of Delaware Score: 652.67/1100	Team: Warthog
19. M.S. Ramaiah Institute of Technology Score: 639/1100	Team: MOKSHA
20. University of Texas - Austin Score: 635.67/1100	Team: BlastasauRAS
21. Bluefield State College Score: 629/1100	Team: Wall-E
22. Stony Brook University Score: 559.33/1100	Team: Tina 2.0
23: Fordham University Score: 502.17/1100	Team: Albert [sic]
24. Wayne State University Score: 469/1100	Team: Wave2
25. Bob Jones University Score: 451/1100	Team: Eran
<u>Design Group B</u>	
1. Missouri University of Science and Technology Score: 887/1100	Team: Aluminator
2. Hosei University Score: 885/1100	Team: Orange2010
3. Princeton University Score: 879.33/1100	Team: Phobetor

4. Bluefield State College Score: 858/1100	Team: ARCHON
5. National University of Singapore Score: 856.67/1100	Team: LEO10
6. Embry-Riddle Aeronautical University Score: 849.67/1100	Team: Molle Bot
7. SUNY University at Buffalo Score: 833.67/1100	Team: Big Blue
8. California State University - Chico Score: 831.67/1100	Team: C.A.T
9. University of Waterloo Score: 801/1100	Team: lorek
10. York College of Pennsylvania Score: 795.33/1100	Team: Green Lightning
11. École de technologie supérieure Score: 789/1100	Team: RS3
12. Oakland University Score: 780/1100	Team: Beast
13. Lawrence Technological University Score: 769.33/1100	Team: H2.2Bot
14. University of Massachusetts - Lowell Score: 751/1100	Team: MCP III.5
15. University of Michigan - Dearborn Score: 733.67/1100	Team: Wolf
16. Case Western Reserve University Score: 727.67/1100	Team: Jinx
17. Rose-Hulman Institute of Technology Score: 711.47/1100	Team: Moxom's Master
18. United States Naval Academy Score: 694.67/1100	Team: Robo-Goat
19. Tennessee Technological University Score: 694/1100	Team: Andros

20. Georgia Institute of Technology
Score: 673/1100

Team: Jeanni

21. City College of New York
Score: 593/1100

Team: CAP-10

22. Bob Jones University
Score: 508.67/1100

Team: Euroclydon

23. University of Colorado - Denver
Score: 320/1100

Team: Puma II

Navigation Challenge

1. University of Detroit Mercy
Waypoints: 9/9
Time: 4 minutes 20 seconds
Award: \$ 4,000

Team: Cerberus

2. Hosei University
Waypoints: 9/9
Time: 4 minutes 36 seconds
Award: \$ 3,000

Team: Orange2010

3. University of Massachusetts - Lowell
Waypoints: 7/9
Time: 3 minutes 16 second
Award: \$ 2,000

Team: MCP III.5

4. University of Delaware
Waypoints: 7/9
Time: 4 minutes 30 seconds
Award: \$ 1,000

Team: Warthog

5. California State University - Northridge
Waypoints: 7/9
Time: 5 minutes 45 seconds
Award: \$ 750

Team: NorMAN Jr.

6. Michigan Technological University
Waypoints: 6/9
Time: 5 minutes 24 seconds
Award: \$ 100

Team: Hi Techie

7. Oakland University
Waypoints: 6/9
Time: 5 minutes 30 seconds

Team: Beast

8. The Pennsylvania State University Waypoints: 5/9 Time: 3 minutes 56 seconds	Team: AI
9. Embry-Riddle Aeronautical University Waypoints: 4/9 Time: 2 minutes 1 second	Team: Reagle III
10. École de technologie supérieure Waypoints: 4/9 Time: 2 minutes 13 seconds	Team: RS3
11. University of Massachusetts Lowell Waypoints: 4/9 Time: 2 minutes 15 seconds	Team: Stark
12. Case Western Reserve University Waypoints: 4/9 Time: 4 minutes 45 seconds	Team: Jinx
13. United States Naval Academy Waypoints: 3/9 Time: 2 minutes 43 seconds	Team: Robo-Goat
14. Case Western Reserve University Waypoints: 3/9 Time: 5 minutes 55 seconds	Team: Harlie
15. Rochester Institute of Technology Waypoints: 2/9 Time: 1 minute 5 seconds	Team: AMOS III
16. École de technologie supérieure Waypoints: 1/9 Time: 4 seconds	Team: Herbinator
17. Princeton University Waypoints: 1/9 Time: 15 seconds	Team: Phobetor
18. University of Michigan - Dearborn Waypoints: 1/9 Time: 16 seconds	Team: Wolf
19. The City College of New York Waypoints: 1/9 Time: 27 seconds	Team: City Alien

20. Bob Jones University
Waypoints: 1/9
Time: 36 seconds

Team: Eran

21. Trinity College
Waypoints: 1/9
Time: 1 minute 4 seconds

Team: Q

22. Bob Jones University
Waypoints: 0/9

Team: Euroclydon

22. SUNY University at Buffalo
Waypoints: 0/9

Team: Big Blue

22. University of Cincinnati
Waypoints: 0/9

Team: Bearcat Cub Micro

22. University of Wisconsin - Madison
Waypoints: 0/9

Team: Paradroid

JAUS Challenge

1. University of Detroit Mercy
Points: 60
Time: 45 seconds
Award: \$ 3,000

Team: Cerberus

2. Hose University
Points: 60
Time: 46 seconds
Award: \$ 2,000

Team: Orange2010

3. Lawrence Technological University
Points: 60
Time: 49 seconds
Award: \$ 1,000

Team: Culture Shock II

4. University of Wisconsin - Madison
Points: 60
Time: 32 seconds
Award: \$ 750

Team: Paradroid

5. Case Western Reserve University
Points: 42
Award: \$ 500

Team: Jinx

6. Rochester Institute of Technology Points: 41 Award: \$ 250	Team: AMOS III
7. Case Western Reserve University Points: 40	Team: Harlie
8. Embry-Riddle Aeronautical University Points: 32	Team: Reagle 3
9. Trinity College Points: 30	Team: Q
9. University of Texas - Austin Points: 30	Team: BlastasauRAS
9. Worcester Polytechnic Institute Points: 30	Team: Prometheus
10. Embry-Riddle Aeronautical University Points: 0	Team: Molle Bot
10. Oakland University Points: 0	Team: Beast
10. Princeton University Points: 0	Team: Phobetor
10. SUNY University at Buffalo Points: 0	Team: Big Blue

Rookie of the Year Award

Worcester Polytechnic Institute Award: \$ 500	Team: Prometheus
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Grand Award

1. University of Detroit Mercy Points: 108 Award: Lescoe Cup	Team: Cerberus
2. Hosei University Points: 70 Award: Lescoe Trophy	Team: Orange 2010

3. Trinity College Points: 40 Award: Lescoe Award	Team: Q
4. University of Delaware Points: 34	Team: Warthog
5. California State University - Northridge Points: 32	Team: NorMAN Jr.
6. The City College of New York Points: 24	Team: City Alien
6. University of Massachusetts - Lowell Points: 24	Team: MCP III.5
7. Princeton University Points: 20	Team: Phobetor
8. Franklin W. Olin College of Engineering Points: 16	Team: Athena
8. Lawrence Technological University Points: 16	Team: Culture Shock II
9. University of Wisconsin - Madison Points: 12	Team: Paradroid
10. Case Western Reserve University Points: 8	Team: Jinx
11. Georgia Institute of Technology Points: 4	Team: Jeanni
11. Missouri University of Science and Technology Points: 4	Team: Aluminator
11. Rochester Institute of Technology Points: 4	Team: AMOS III
12. Michigan Technological University Points: 2	Team: Hi-Techie