

The 13TH Annual Intelligent Ground Vehicle Competition

Grand Traverse Resort and Spa
Traverse City, Michigan
June 11TH – 13TH, 2005

Autonomous Challenge

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| 1. Virginia Polytechnic Institute and State University
Distance: 500 feet (full course)
Time: 2 minutes 10 seconds
Prize: \$ 1,500 | Team 1: Gemini |
| 2. Virginia Polytechnic Institute and State University
Distance: 500 feet (full course)
Time: 2 minutes 11 seconds
Prize: \$ 1,000 | Team 2: Johnny-5 |
| 3. Virginia Polytechnic Institute and State University
Distance: 500 feet (full course)
Time: 3 minutes 30 seconds
Prize: \$ 500 | Team 3: Polaris |
| 4. Bluefield State College
Distance: 500 feet (full course)
Time: 3 minutes 55 seconds
Prize: \$ 200 | Team: Anassa |
| 5. Brigham Young University
Distance: 351 feet
Time: 4 minutes 22 seconds | Team: Urckbot |
| 6. University of Detroit Mercy
Distance: 276 feet
Time: 3 minutes 33 seconds | Team 2: Warrior |
| 7. University of Michigan - Dearborn
Distance: 250 feet
Time: 3 minutes 27 seconds | Team: RoadRunner |
| 8. University of Minnesota – Twin Cities
Distance: 237 feet
Time: 4 minutes 36 seconds | Team: G2 |

9. Cedarville University Distance: 236 feet 6 inches Time: 5 minutes	Team: Yellow Jacket
10. Lawrence Technological University Distance: 232 feet Time: 4 minutes 9 seconds	Team: Think-Tank
11. Trinity College Distance: 219 feet Time: 4 minutes 42 seconds	Team: ALVIN VI
12. University of Central Florida Distance: 158 feet Time: 5 minutes	Team: Calculon
13. University of Wisconsin – Madison Distance: 154 feet Time: 5 minutes	Team: Whitespace
14. Hosei University – Japan Distance: 136 feet Time: 1 minute 48 seconds	Team: Amigo 2005
15. Bob Jones University Distance: 122 feet Time: 2 minutes 31 seconds	Team: Adam
16. University of Cincinnati Distance: 95 feet Time: 5 minutes	Team: Bearcat Cub
17. University of Michigan - Dearborn Distance: 88 feet Time: 1 minute 22 seconds	Team: SMART
18. University of Cincinnati Distance: 83 feet Time: 3 minutes 10 seconds	Team: Bearcat III
19. Oakland University Distance: 56 feet 4 inches Time: 48 seconds	Team: Proteus

20. University of Maryland – Baltimore County
Distance: 2 feet
Time: 33 seconds

Team: Should Be Trivial

21. University of Minnesota - Duluth
Distance: - 3 feet
Time: 43 seconds

Team: MARVIN

Design Competition

Finalist

1. Virginia Polytechnic Institute and State University
Score: 712.25/800
Prize: \$ 1,000

Team 1: Gemini

2. Virginia Polytechnic Institute and State University
Score: 708.75/800
Prize: \$ 800

Team 3: Polaris

3. University of Central Florida
Score: 708.25/800
Prize: \$ 600

Team: Calculon

4. Virginia Polytechnic Institute and State University
Score: 707.25/800

Team 2: Johnny-5

5. U.S Military Academy - West Point
Score: 683.5/800

Team: Black MAGIC

6. University of Central Florida
Score: 666/800

Team: RDB3K

Design Group A

1. University of Central Florida
Score: 740.5/800

Team: Calculon

2. U.S Military Academy - West Point
Score: 735.5/800

Team: Black MAGIC

3. Virginia Polytechnic Institute and State University
Score: 732/800

Team 1: Gemini

4. Bluefield State College
Score: 727.5/800

Team: Anassa

5. Hosei University – Japan Score: 726/800	Team: Amigo 2005
6. University of Wisconsin – Madison Score: 724/800	Team: Whitespace
7. Brigham Young University Score: 699/800	Team: Urckbot
8. Bob Jones University Score: 695/800	Team: Adam
9. Cedarville University Score: 694/800	Team: Yellow Jacket
10. University of Minnesota – Twin Cities Score: 683/800	Team: G2
11. University of Cincinnati Score: 680/800	Team: Bearcat Cub
12. University of Minnesota - Duluth Score: 662.5/800	Team: MARVIN
13. University of Maryland – Baltimore County Score: 638.5/800	Team: Should Be Trivial
14. University of Cincinnati Score: 628.5/800	Team: Bearcat III
15. University of Michigan - Dearborn Score: 622.5/800	Team: RoadRunner
15. University of Michigan - Dearborn Score: 622.5/800	Team: SMART
16. University of Michigan - Dearborn Score: 612.5/800	Team: GCAT
<u>Design Group B</u>	
1. Virginia Polytechnic Institute and State University Score: 708/800	Team 3: Polaris
2. Virginia Polytechnic Institute and State University Score: 699/800	Team 2: Johnny-5

3. University of Central Florida Score: 638/800	Team: RDB3K
4. University of Missouri - Rolla Score: 615.5/800	Team: rho-bot
4. Lawrence Technological University Score: 615.5/800	Team: Think-Tank
5. École de Technologie Supérieure Score: 609..5/800	Team: Mentis II
6. Trinity College Score: 609/800	Team: ALVIN VI
7. University of Detroit Mercy Score: 589.5/800	Team 1: Hephaestus
8. University of Detroit Mercy Score: 587.5/800	Team 2: Warrior
9. Kettering University Score: 586.5/800	Team: BullDog I
10. The College of New Jersey Score: 561/800	Team: NJAV
11. Oakland University Score: 553/800	Team: Proteus
12. University of Massachusetts - Lowell Score: 263/800	Team: MCP

Navigation Challenge

1. Virginia Polytechnic Institute and State University Waypoints: 9/9 Time: 1 minute 59 seconds Prize: \$ 1,000	Team 1: Gemini
2. Virginia Polytechnic Institute and State University Waypoints: 9/9 Time: 2 minutes 42 seconds Prize: \$ 800	Team 3: Polaris

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| 3. Virginia Polytechnic Institute and State University
Waypoints: 9/9
Time: 2 minutes 50 seconds
Prize: \$ 600 | Team 2: Johnny-5 |
| 4. Trinity College
Waypoints: 9/9
Time: 4 minutes 24 seconds | Team: ALVIN VI |
| 5. University of Cincinnati
Waypoints: 7/9
Time: 3 minutes 30 seconds | Team: Bearcat Cub |
| 6. Bob Jones University
Waypoints: 7/9
Time: 5 minutes 42 seconds | Team: Adam |
| 7. Hosei University – Japan
Waypoints: 6/9
Time: 2 minutes | Team: Amigo 2005 |
| 8. University of Central Florida
Waypoints: 6/9
Time: 2 minutes 37 seconds | Team: Calculon |
| 9. Lawrence Technological University
Waypoints: 4/9
Time: 3 minutes 50 seconds | Team: Think-Tank |
| 10. University of Cincinnati
Waypoints: 4/9
Time: 5 minutes 25 seconds | Team: Bearcat III |
| 11. University of Minnesota – Twin Cities
Waypoints: 3/9
Time: 1 minute 32 seconds | Team: G2 |
| 12. Brigham Young University
Waypoints: 2/9
Time: 41 seconds | Team: Urckbot |
| 13. Bluefield State College
Waypoints: 2/9
Time: 1 minute 8 seconds | Team: Anassa |

14. University of Michigan - Dearborn
Waypoints: 1/9
Time: 50 seconds

Team: GCAT

15. University of Michigan - Dearborn
Waypoints: 1/9
Time: 57 seconds

Team: SMART

Grand Award

1. Virginia Polytechnic Institute and State University
Points: 35
Prize: \$ 10,000

Team 1: Gemini

2. Virginia Polytechnic Institute and State University
Points: 24

Team 3: Polaris

3. Virginia Polytechnic Institute and State University
Points: 16

Team 2: Johnny-5

4. University of Central Florida
Points: 6

Team: Calculon