The 21ST Annual Intelligent Ground Vehicle Competition

Oakland University
Rochester, Michigan
June 7th-10th, 2013

Auto-Nav Challenge

1. California State University-Northridge   Team: Scorpion
Distance: 1131 feet
Waypoints: 6
Time: 9:40 minutes
Award: $3,000

2. United States Naval Academy   Team: Robogoat
Distance: 1102 feet
Waypoints: 6
Time: 8:10 minutes
Award: $2,000

3. Oakland University   Team: Replicant
Distance: 820 feet
Waypoints: 6
Time: 10:00 minutes
Award: $1,000

4. Hosei University   Team: Orange 2013
Distance: 663 feet
Waypoints: 5
Time: 6:37 minutes
Award: $750

5. Embry-Riddle Aeronautical University   Team: Alvin
Distance: 172 feet
Waypoints: 0
Time: 2:08 minutes
Award: $500

6. Lawrence Technological University   Team: iWheels
Distance: 166 feet
Time: 2:10 minutes
Award: $250

7. Indian Institute of Technology-Bombay   Team: Pushpak-2
Distance: 161 feet
Time: 2:40 minutes

8. University of Michigan-Dearborn　　　　　　　　Team:
Distance: 131 feet
Time: 1:44 minutes

9. Indian Institute of Technology-Kharagpur　　　Team: Eklavya
Distance: 104 feet
Time: 2:42 minutes

10. Trinity College　　　　　　　　　　　　　　　　　Team: Q
Distance: 46 feet
Time: 0:40 minutes

Design Competition

Finalists
1. Embry-Riddle Aeronautical University　　　　　Team: MolleBot
Score: 403.00/480
Award: $600

2. Oakland University　　　　　　　　　　　　　　Team: Replicant
Score: 400.78/480
Award: $2,000

3. University of Illinois at Chicago　　　　　　　Team: EDT-SCIPIO
Score: 379.89/480
Award: $400

4. Embry-Riddle Aeronautical University　　　　　Team: Alvin
Score: 362.00/480
Award: $750

5. Miami University　　　　　　　　　　　　　　　Team: Redblade
Score: 361.44/480
Award: $200

6. University of Detroit Mercy　　　　　　　　　　Team: Revenant
Score: 357.56/480
Award: $100

Design Group A
1. Miami University　　　　　　　　　　　　　　　Team: Redblade
Score: 1031.67/1200

2. Embry-Riddle Aeronautical University　　　　　Team: Molle
Score: 990.33/1200

3. University of Wisconsin, Madison   Team: Singularity
Score: 982.00/1200

4. Indian Institute of Technology-Kharagpur   Team: Eklavya
Score: 976.33/1200

5. Princeton University   Team: Phobetor
Score: 969.00/1200

6. Trinity College   Team: Q
Score: 944.67/1200

7. University of Minnesota-Twin Cities   Team: Ground Squirrel I
Score: 934.33/1200

8. University of Cincinnati   Team: Bearcat Cub
Score: 905.33/1200

9. Kettering University   Team: Sidetracked
Score: 837.67/1200

10. Missouri University of Science & Tech   Team: S&T Enterprise
Score: 837.33/1200

11. University of Michigan-Dearborn   Team: OHM
Score: 762.67/1200

12. The College of New Jersey   Team: NJAV
Score: 710.00/1200

13. Rose-Hulman Institute of Technology   Team: Rosie Clearpath
Score: 515.00/1200

14. Lawrence Technological University   Team: iWheels
Score: -56.67/1200

Design Group B
1. Embry Riddle Aeronautical University   Team: Alvin
Score: 1072.33/1200

2. University of Detroit - Mercy   Team: Revenant
Score: 1047.33/1200

3. Rose-Hulman   Team: Galatea
Score: 977.00/1200

4. Dalhousie University   Team: Segfault
Score: 971.00/1200

5. United States Military Academy   Team: Black Night Rising
Score: 926.33/1200

6. Missouri University of S & T   Team: Jomegatron
Score: 907.00/1200

7. Kettering University   Team: RDO2
Score: 896.33/1200

8. University of Central Florida   Team: Automaton
Score: 890.00/1200

9. Delhi Technological University   Team: Lakshya II
Score: 750.67/1200

10. The University of Texas at Austin   Team: DoloRAS
Score: 646.33/1200

11. Michigan Technological University   Team: Bishop
Score: 473.33/1200

12. Istanbul Technical University   Team: Beehicle
Score: 145.00/1200

13. University of Calgary   Team: Taurus
Score: 135.00/1200

Design Group C
1. Oakland University   Team: Replicant
Score: 1115.00/1200

2. University of Illinois at Chicago   Team: EDT-Scipio
Score: 1049.33/1200

3. Ecole de Technologie Superieure   Team: CAPRA6
Score: 1047.00/1200

4. Hosei University   Team: Orange 2013
Score: 1032.00/1200

5. Indian Institute of Technology-Bombay   Team: Pushpak-2
Score: 1026.00/1200

6. California State University, Northridge   Team: Scorpion
Score: 1023.33/1200

7. York College of Pennsylvania   Team: Robot Downey Jr.
Score: 1010.00/1200

8. Georgia Institute of Technology   Team: Mitsi
Score: 996.33/1200

9. University of Texas at Arlington   Team: Marauder
Score: 992.67/1200

10. U.S. Naval Academy   Team: Robo-Goat
Score: 974.00/1200

11. Rochester Institute of Technology   Team: Amos III
Score: 956.00/1200

12. The Citadel   Team: Zergling
Score: 812.67/1200

13. Tennessee Tech   Team: Hawking
Score: 806.67/1200

JAUS Challenge
1. Hosei University   Team: Active 2013
Points: 60
Time: 40.1 seconds
Award: $1,000

2. Oakland University   Team: Replicant
Points: 60
Time: 40.2 seconds
Award: $800

2. University of Detroit Mercy   Team: Revenant
Points: 60
Time: 40.2 seconds
Award: $500

4. University of Central Florida   Team: Automaton
Points: 60
Time: 41.0 seconds
Award: $300

5. École de technologie supérieure   Team: Capra6
Points: 55
Award: $200

6. Dalhousie University   Team: Segfault
Points: 52.5
Award: $100

7. Lawrence Technological University   Team: iWheels
Points: 50

8. Embry-Riddle Aeronautical University   Team: MolleBot
Points: 45

8. Embry-Riddle Aeronautical University   Team: Alvin
Points: 45

8. University of Wisconsin-Madison   Team: Singularity
Points: 45

11. Trinity College   Team: Q
Points: 40

12. Michigan Technological University   Team: Bishop
Points: 35

13. Indian Institute of Technology-Bombay   Team: Pushpak-2
Points: 30

13. York College of Pennsylvania   Team: Robot Downey Jr.
Points: 30

15. University of Illinois at Chicago   Team: EDT-Scipio
Points: 20

<u>Rookie of the Year Award</u>
Dalhousie University   Team: Segfault
Award: $500

<u>Grand Award</u>
1. Oakland University   Team: Replicant
Points: 36
Award: Lescoe Cup

2. Hosei University   Team: Orange 2013
Points: 24

Award: Lescoe Trophy

2. California State University, Northridge   Team: Scorpion
Points: 24
Award: Lescoe Trophy

4. United States Naval Academy   Team: Robogoat
Points: 20

5. Embry-Riddle Aeronautical University   Team: Alvin
Points: 14

6. Embry-Riddle Aeronautical University   Team: Mollebot
Points: 12

7. University of Detroit Mercy   Team: Revenant
Points: 10

8. University of Illinois at Chicago   Team: EDT-Scipio
Points: 8

9. University of Central Florida   Team: Automaton
Points: 6

10. Lawrence Technological University   Team: iWheels
Points: 4

10. Miami University   Team: Redblade
Points: 4

10. École de technologie supérieure   Team: Capra6
Points: 4

13. Dalhousie University   Team: Segfault
Points: 2