

Honeywell



JOHN DEERE

May 8, 2009

All,

Welcome to the Sixth Annual Robotic Lawn Mower Competition! With five sponsors (Air Force Research Laboratory, Institute of Navigation Satellite Division, Honeywell, NavCom of John Deere, and Siebenthaler's), ten teams, and \$35,000 of potential prize money to award, we are very excited about this year's competition.

The competition will take place 28-30 of May in and around Dayton, OH with presentations early Thursday afternoon, qualifications Friday, and the competition Saturday (with Sunday as a rain date). Attached you'll find a detailed daily itinerary, directions, lodging ideas, and maps. Also don't forget, team reports are due next Thursday, the 14th of May.

We will be providing a small social after the presentations on Thursday. You will be on your own for lunches/dinners Friday and Saturday, and there are many restaurants within a short commute of the event site in and around the Fairfield Commons Mall (a map is attached.)

Each team will be given a minimum of 10 x10 ft space under a tent with a 6 ft table and a couple of chairs. We recommend you bring the following: **extension cords, power strips**, cooler, snacks, sun screen, tools, spare parts, lights to work under the tent after dark, and folding chairs. Also, bring your resumes because some of our sponsors will have recruiters present at the competition.

If you have further questions feel free to contact me at jacob.campbell@wpafb.af.mil.

Have fun and good luck! We look forward to seeing you all here in Dayton.

Jacob L. Campbell, Ph.D.
Chair, 6th Annual Robotic Lawnmower Competition

Appendix A: Daily Itinerary

Thursday May 14th: Reports Due

Thursday May 28th: Tec^Edge, Second Floor

1:00 PM – Introductions and Competition Overview

1:30 PM – Individual Team Briefings

4:30 PM – Social

Each team will have 15 minutes for their brief and a couple of minutes to field any questions. Please show up on time with presentations ready to load on a CD or ready to present on your own computer. Note: we will not be able to use thumb drives for security reasons. A computer with projection will be provided. If you have any special needs for your presentation, please contact Jacob Campbell at jacob.campbell@wpafb.af.mil.

Friday May 29th: Siebenthaler's Beaver Valley Garden Center

8:30 AM – Main Generator Startup (power available)

9:00 AM – Team sign-in and setup

9:30 AM – Safety and qualification briefing

10:00 AM – Safety/Qualification checks begin (Exact start times will be drawn randomly. Please note, you cannot do the qualification without first passing the safety check)

4:00 PM – Main Generator Turned Off (limited power available from small generators)

Saturday May 30th: Siebenthaler's Beaver Valley Garden Center

7:30 AM – Main Generator Startup (power available)

8:00 AM – Team setup

8:30 AM – Safety and rules briefing

9:00 AM – Competition begins (Exact start times will be drawn randomly.)

TBD – Awards will be given out when all teams have completed the competition and the judges have made their final decision.

Sunday May 31th: Siebenthaler's Beaver Valley Garden Center

This is a back-up day for Saturday if needed (e.g. inclement weather).

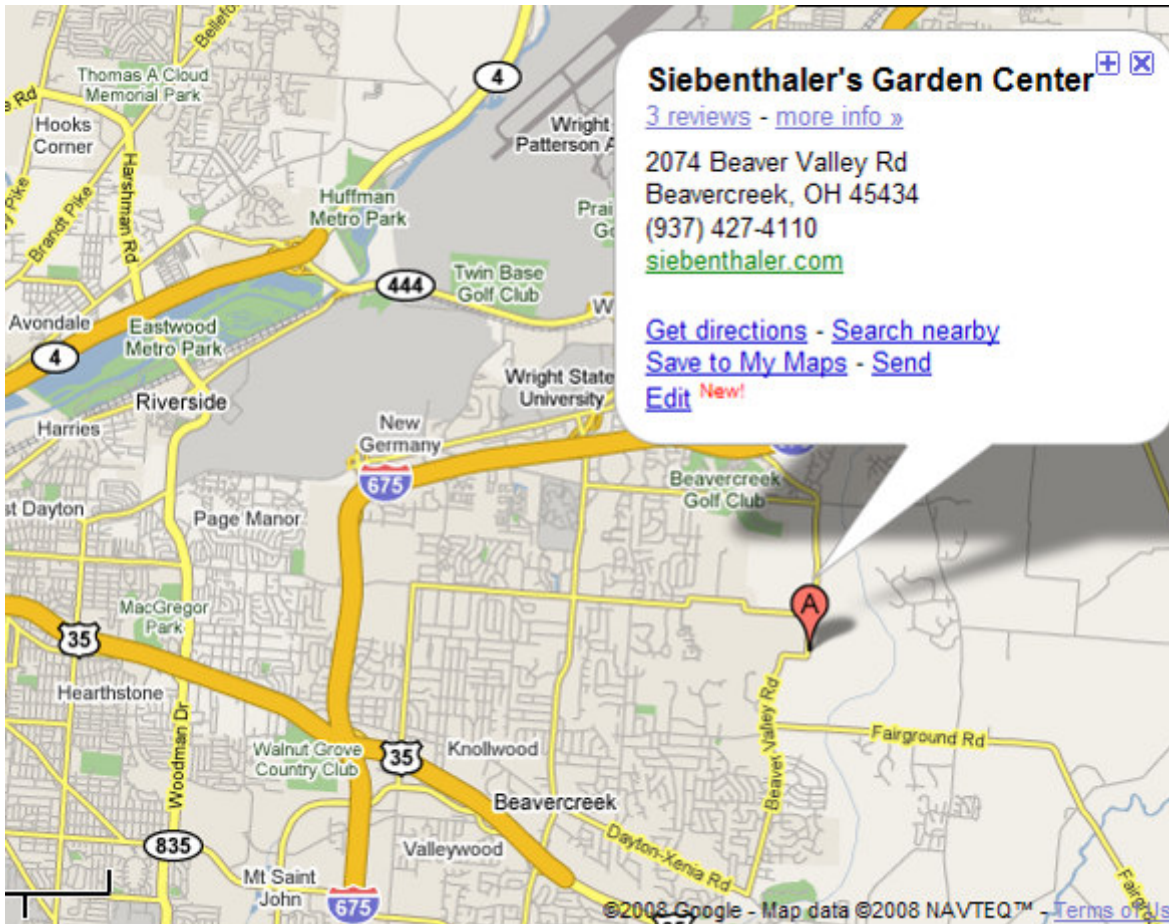
Appendix B: Directions, and Maps

The 2009 Autonomous Lawnmower Competition will be held at Siebenthaler's Nursery. Directions to the nursery can be found by searching their address online.

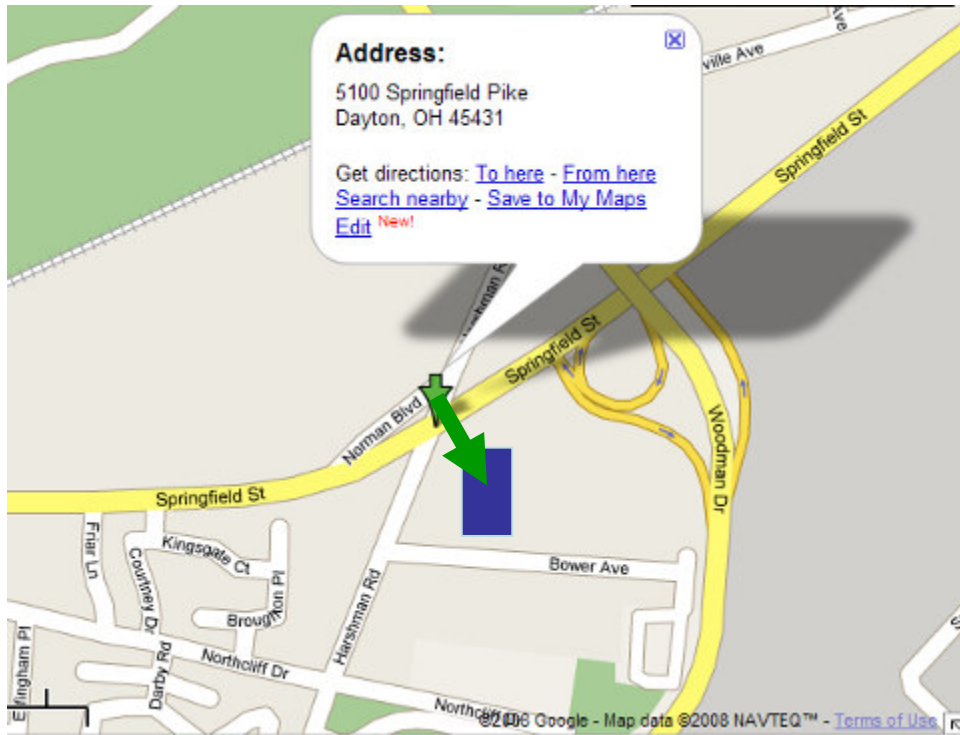
Siebenthaler's Garden Center
2074 Beaver Valley Rd.
Beavercreek, Oh 45434

Parking on Friday and Saturday will be limited so please bring as few vehicles as possible.

There are restaurants within 10 min, as a Home Depot/Lowes and a Meijer's retail and grocery store.



Thursday, we will need meeting at the Tec^Edge for presentations. The map for this location is below.



Below is a map showing how to get from the hotel to the Nursery.



Appendix C: Local Lodging

HOTELS LOCATED NEAR WRIGHT-PATTERSON AFB

Note: This is not a complete listing of all hotels in the area.

<u>NAME/ADDRESS</u>	<u>TELEPHONE</u>
Courtyard by Marriott 2777 Fairfield Commons Beavercreek, OH 45431	(937) 429-5203
Fairfield Inn 2500 Paramount Place Fairborn, OH 45324	(937) 427-0800
Hampton Inn 2550 Paramount Place Fairborn, OH 45324	(937) 429-5505
Holiday Inn at I675 2800 Presidential Drive Fairborn, OH 45324	(937) 426-7800
Homewood Suites Hotel 2750 Presidential Dr. Fairborn, OH 45324	(937) 429-0600
Hope Hotel & Conference Ctr Bldg 823, Area A Wright-Patterson AFB, OH	(937) 879-2696
Residence Inn 2779 Fairfield Commons Beavercreek, OH 45431	(937) 427-3914
Comfort Suites Wright-Patterson 5220 Huberville Avenue (Harshman Rd & Springfield St) Dayton, OH 45431	(937) 425-6498

Appendix D: 6th Annual Robotic Lawnmower Teams

University	Location	Team Name
California State University	Long Beach, CA	Team Roy
Case Western Reserve University	Cleveland, OH	Team CWRU Cut / CWRU Cutter 2.0
Cornell University	Ithaca, NY	Cornell MineSweeper
Ecole de Technologie Superieure	Montreal, Quebec, Canada	Herbinator --- Team Capra
Illinois Institute of Technology	Chicago, Illinois	Illinois Tech Robotics
Ohio University	Athens, OH	OUCH
University of Cincinnati	Cincinnati, OH	UC Robomow 2009
University of Evansville	Evansville, IN	UEzMow3
University of Waterloo	Oakville, Ontario	Tronmower II
Wright State University	Dayton, OH	WSU Clean Cut