



Presentation

"Hummerbot and the Speedway Competition"

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Abstract

On October 4th, the IEEE RAS Washington/NoVA Section and UMD Electrical and Computer Engineering Department held the first Annual Autonomous Small Robot Speedway Competition. For the competition, small robots needed to autonomously navigate a flat course defined by orange cones. Robots were scored based upon distance travelled, average speed, ability to detect obstacles, safety and poster presentation. The Hummerbot team of DC/MD/VA Robotics and Automation Team won first place. Second place was awarded to University of Maryland Electrical and Computer Engineering. Third place was awarded to Montgomery College Robotics Club.

At the November 10th IEEE RAS Washington/NoVA Chapter meeting, the first place team presented the technical approach they used for this competition.