

RSSC Meeting Minutes for June 2009

10:00 Meet, Greet, and Build

11:00 **THIS MONTH'S CLASS:** Introduction to Python presented by Jeff Mangel

12:00 BUSINESS MEETING

Old Business

New Business

Upcoming Classes

July: Intro to Solid Works by John Walters.

August: *Driver of the Mars Rover* remote navigation by JPL John Wright

September: Modeling biped locomotion by our company prez

October: Building A.L.I.C.E. chatbot with Thomas Messerschmidt

November: Animatronics by Tim Louis

December: TBD

Upcoming Contests

- July: Hallway Competition (Level 1, 2, and 3)
- August: Soda Can Pickup (RC and Autonomous)
- September: Labyrinth
- October: Robomagellan
- November: TBD
- December: (None)

Other Upcoming Events

- September: RSSC Pot Luck
- December: Talent Show

THIS MONTH'S CONTEST: Mega Turbo 110' Line Following Contest

| Robo | Contestant | Time (seconds) |
|-------------|-------------------|--------------------------------|
| Little Bepo | Albert | Did not finish |
| Anouk | Katie and Martin | 43.19 |
| Katie | Anouk and Jeff | 204.39 |
| RonBot | Ron Rose | Did not finish |
| NXT | John Davis | Did not finish |
| Rocky | Alex Brown | 89.79 |
| Vexbot | Ben and Ferick | 232:60 (Did not circle course) |

Congratulations to the Winners!

- | | |
|-------------------------|----------------------------------|
| 1. First Place: | Anouk by Katie and Martin |
| 2. Second Place: | Rocky |
| 3. Third Place: | Katie by Anouk and Jef |

SHOW AND TELL

Craig showed more of his clever creations made with pager motors, straws, and paperclips. This month he demonstrated two of his flying creatures, one of which was radio controlled.

Katie: showed her line following robot.

Martin: showed how he modified the PID (Proportional Integral Derivative) control loop in his line following robot to increase accuracy and performance.

Tim showed a device that plays any mp3 file from a memory stick. He also showed his Tri-colored LED basic stamp controller and his LCD display.

Jef M. demonstrated *Pyrobot* a virtual robot simulation in Python.

Alex Brown talked about his line following effort with *Rocky*, his Leaf robot.

MEETING ADJOURNED: about 3 PM