

## **RSSC Meeting Minutes for June 2009**

### **10:00 MEET, GREET, AND BUILD**

### **11:00 THIS MONTH'S CLASSES**

- Demonstration of a Leaf robot navigating with RoboRealm and shapes on the floor by Dr. Bruce.
- Demonstration and class on RoboRealm navigation by image processing of “fiducials” (2D barcode-like printed images) by Steve G.

### **12:00 BUSINESS MEETING**

#### **Old Business**

#### **New Business**

#### **Upcoming Classes**

June: Intro to Python by Jeff Mengelshot.

July: Intro to Solid Works by John Walters

August: *Driver of the Mars Robot* remote navigation from JPL John Wright

September: TBD

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

November: TBD

December: TBD

#### **Upcoming Contests**

- June: Mega Turbo Line Following
- July: Hallway competition
- August: Soda can pickup (RC and Autonomous)
- September: RoboMagellan
- October: TBD
- November: TBD
- December: TBD

#### **Other Upcoming Events**

- September: RSSC Pot Luck
- December: Talent Show

**THIS MONTH'S CONTEST:** Mega Turbo Line Following was postponed until June.

#### **SHOW AND TELL**

Anouk demonstrated Robotsapien's dog.

John showed and talked about his first attempt brazing aluminum using “super alloy 5” rods from muggyweld.com.

Jimmy demonstrated his first line following robot. He then demonstrated his attempts at building a stable aluminum robot platform.

Walter Martinez showed and talked about his battlebot robot Shark Tooth that he built with his Cal State Long Beach team

Jef showed his Polulu’s 3pi robot and talked about how it does line following.

Craig showed his clever creations made with pager motors, straws, and paperclips.

Steve talked about autonomous flight and demonstrated horizon recognition uses RoboRealm to identify the horizon.

Martin demonstrated his two line-following car robot.