



Come and Join Us!

Thursday, April 18

**Mechanical Engineering Senior Design
Capstone Design Project Showcase
-2013 Graduating Class-**

**Presentations
8:45AM - 4:00PM
AME - HPMI Buildings**

**Poster Presentations
4:00PM - 6:00PM
AME Building**

Contact: kamin@fsu.edu or cshih@fsu.edu



**EML4552C – Mechanical Engineering Senior Capstone Design Project
OPEN HOUSE - Academic Year 2012-2013**

Thursday April 18, 2013

8:00am – 8:15am: Coffee/Breakfast

8:15am – 8:45am: Meeting of Judges/Project Sponsors

Venue: AME Meeting Room 103-A

8:45am – 4:00pm: Project Presentations in 2 Parallel Sessions

(schedule in the next page)

4:00pm – 6:00pm: Open House Prototype/Poster Display

Venue: AME Lounge and Hallways

6:00PM to 6:45PM: Meeting of Judges/Sponsors – Debriefing

Venue: AME Meeting Room 103-A

6:45PM: Social Event (refreshments/snacks for class + judges/sponsors)

Venue: AME, 1st and 2nd floor lounge areas

		HPMI Seminar Room		AME Seminar Room: 106	
		Presenting Team		Presenting Team	
8:45 AM	1	Eglin: Split Hopkins Pressure Bar Upgrade		4	Cummins: Bicycle Power Meter
9:15 AM	2	Eglin: Tracking Trajectories in Opaque Media		5	Turbocor: Production Test Fixture for Sensor Ring Test
9:45 AM	3	Eglin: Shear Stress Sensor Design		16	ME Dept: Design/Build/Fly
10:15 AM	13	Challenger Learning Center: Smart Material Museum Exhibit Design		10	CISCOR: Modeling and Instrumentation of an Autonomous Ground Vehicle
10:45 AM	Coffee		Coffee		
11:00 AM	9	Harris: Shape-Memory Alloy Active Surface Shaping		6	ME Dept: Autonomous Aerial Vehicle
11:30 AM	8	Harris: High Temperature Conductivity Polymer Composite Structure		19	Harmar: Mobility Life for European Applications
12:00 AM	21	ECE/ME Dept: Autonomous RoboSub		15	Koyo: Automated High Volume Bearing Bore Gauge
12:30 PM	Lunch		Lunch		
1:30 PM	20	Grant Peacock: Solar-Powered Phase Change Compressor		12	CE/ME Dept: Wind Turbine for Hurricane Prone Region
2:00 PM	7	ME Dept: Microalgae Photobioreactor		17	ETG: Direct to Garment Printer Cleaning Station
2:30 PM	23	FSU Physics: Selection Configuration and Integration of a Compact Cosmic Ray Detector		18	ECE/ME Dept: Can Satellite Competition
3:00 PM	14	TECT: Turbine Blade Handling		24	ECE/ME Dept: Solar Car Competition
3:30 PM				11	NASA: RoboOps