



Mechanical Engineering Program

**AGENDA FOR THE SPRING 2014
REHEARSAL
SENIOR DESIGN ORGANIZATION PRESENTATIONS**

Engineering Center, **EC2300**
April 9th, 2014

TODAY'S SESSION (9:00 a.m. - 2:30 p.m.)

Project Introductions by Senior Design Organization Teams (5 min Intro + 10 min Q&A)	
9:15 – 9:30	Team 1: Scalable Regolith Ceramic Based Micro/Mini-channel Heat Exchanger Michael Abbott, Sasha Philius, Yonatan Z'ev Rotenberg
9:30 – 9:45	Team 2: Bicycle Powered Water Filtration System Sandra I. Alzate Rendon, Justin Blake Cromartie, Betzabe Ruth Gonzalez Canchan, Kenneth A Hernandez
9:45 – 10:00	Team 3: Solar Absorption Chiller Juan C Aristizabal, Robert Martin, Mikail David Williams, Adrian Felipe Gonzalez
10:00 – 10:15	Team 4: Inspection Device for Underground Tanks Located at Hanford Site Jennifer Arniella. Gabriela Iris Vazquez, Daniel Giraldo
10:15 – 10:30	Team 5: Solar Powered Steam Engine Victor Eduardo Berrueta, Alejandro Forero, Charbel Saghira Seguias Jr
10:30 – 10:45	Team 6: SAE Aero Design® Brazil Competition Andres Javier Cardenas, Nestor Amable Paz, Arjav Patel
10:45 – 11:00	Coffee/Restroom/Media Break
11:00 – 11:15	Team 7: Multi-Purpose Aerial Drone Ramon Andres Cordero, Raquel Lauren Remington, Larry James March, Daniel, Villanueva
11:15 – 11:30	Team 8: Pneumatic Pass-Thru Impact Wrench Luis Felipe De La Cruz, Milton Hidalgo Ceotto, Ryan Joseph Lucia
11:30 – 11:45	Team 9: Development of the 2015 FSAE Chassis & Suspension Alejandro Diaz, Osvaldo Adalberto Fernandez, Ricardo Giovanni Gonzalez, Christian J Ramos

Department of Mechanical and Materials Engineering
College of Engineering and Computing

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11:45-12:00	Team 10: Design, Analysis, and Construction of a Reaction Control System for an Orbital Launch Vehicle David Manuel Dominguez, Gianni Rafael Jimenez, Genesis Vasquez
12:00-12:15	Team 11: Remotely Operated Underwater Vehicle (ROV) Edgar Charles English II, Daniel Martinez, Ryan Wright
12:15-12:30	Team 12: Florida Space Grant Consortium FUNSAT Design Competition Luis Alberto Fernandez, Giampiero C. Revelo, Henry Vazquez, Gonzalo Vivanco
12:30-1:30	Lunch Break
1:30 – 1:45	Team 13: Green Energy on the Caribbean Sea Dominic Luther Gayle, Francisco Javier Molinares, William Rosado
1:45 – 2:00	Team 14: Solar Cooled Brent Stephen Houghton, Alejandro Osorio
2:00 – 2:15	Team 15: Radial Compressor Fernando Alberto Lopez, Xavier Guillermo Medina, Gianfranco Romulo Pisani
2:15 – 2:30	Team 16: Biodiesel Pre-Treatment System Harrison Sam Mejia, Rainer Rodriguez, Favyan Torres

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