

Mechanical Engineering Program

**AGENDA FOR THE FALL 2009 IAB MEETING AND
SENIOR DESIGN PRESENTATIONS**

**Engineering Center, EC 2300
December 2, 2009**

8:00 – 8:30 am	Continental Breakfast
8:30 – 8:40	Welcome, Dr. Cesar Levy, MME Chair
	Senior Design Presentations
8:40 – 9:10	Ball Milling Vessel Design for Hydrogen Infusion into Powders with Sensory Feedback Ahmed Al-Bahar, Roger Garcia, Jimmy Sandoval
9:10 – 9:40	Grove Sprayer David Bush, Reny Rosales, Juan Villegas
9:40 – 10:10	Remote Landmine Detector Ramon Colon Mendoza, Marco Hernandez, Erin Silva, Ken Berry (ECE), Michael Pinero (ECE)
10:10 – 10:40	Marketable Three Dimensional Printer William Mendez, Keith Richardson, Karan Sujan
10:40 – 10:50	Coffee Break
10:50 – 11:00	ASME FIU Member Recognition
11:00 – 11:30	ComboCounter: A Heavy Punching Bag Retrofit Victor Uriarte, Juan Manuel Mena, Bryan Pardo
11:30 – 12:00	Hot Cell Fixative Application Technology: Mobile Whirling Nozzle Sprayer Aaron Donald Mitchell, Mario Vargas, Eduardo Andres Zuniga
12:00 – 12:30 pm	Design of a Micro-Hydro Turbine Test Rig Fred Coll, Andres Julian Hernandez, Nicholas Adam Mohammed
12:30 – 1:00	Digitally-Controlled Shower Alberto Garcia, Vladimir Loudior, Lorenzo D. Green Jr.
1:00 – 1:15	Awards Ceremony
1:15 – 2:15	Working Lunch with IAB Members and MME Faculty, EC 3327