

**USC Center for Fuel Cells  
Industrial Advisory Board Meeting  
March 5 and 6, 2008  
University of South Carolina, Columbia, SC  
Agenda**

**Wednesday, March 5, 2008**

**Moore School of Business, 8<sup>th</sup> fl. (Rooms J and K) NOTE: Location Change**

7:00 - 7:45 AM		Continental Breakfast
7:45 - 8:15		Welcome, Introductions and Status of the Center (Dr. John Van Zee)
8:15 - 8:45	<b>PROJECT 39</b>	Balance of Plant
8:45 - 9:15	<b>PROJECT 10F</b>	The Effects of Contaminants from Sealants and Bi-polar Plates (Dr. Van Zee / Ohashi)
9:15 - 9:45	<b>PROJECT 37A</b>	NSF Supplement – Novel Support for Electrocatalyst (Drs. Popov / Weidner / Williams)
9:45 - 10:15	<b>PROJECT 26D</b>	Metal Hydride Hydrogen Storage Vessel Design (Drs. Ritter / Ebner)
10:15 - 10:30	<b>BREAK</b>	
10:30 - 11:00	<b>PROJECT 35B</b>	Dynamic Response of a Fuel Cell System on a Variable Frequency AC Power Bus (Dr. Dougal / Young)
11:00 - 11:30	<b>PROJECT 7E</b>	Development of Novel Methods to Synthesize Oxygen Electrocatalyst (Dr. Popov)
11:30 - 12:00 PM	<b>PRESENTATION</b>	Dr. Plamen Atanassov – Associate Professor, Chemical & Nuclear Engineering, University of New Mexico ( <a href="#">More info. forthcoming</a> )
12:00 - 1:00	<b>LUNCHEON</b>	
1:00 - 1:30	<b>PROJECT 15F</b>	Techniques for the Rheological Characterization of Bulk Molding Compounds (Dr. Gadala-Maria)
1:30 - 2:00	<b>PROJECT 36A</b>	Contaminant Screening (Dr. Gu)
2:00 - 2:30	<b>PROJECT 3C</b>	Fundamentals of the Hydrolysis of Chemical Hydrides (Drs. Matthews / Davis)
2:30 - 3:00	<b>PROJECT 38</b>	NSF TIE Project with University of New Mexico - Degradation Studies Using Model Catalysts (Dr. St-Pierre)
3:00 - 3:15	<b>BREAK</b>	
3:15 - 3:45	<b>PROJECT 19E</b>	Characteristics of Gas Diffusion Layers and their Effects on PEMFC Performance (Dr. Shimpalee / Martinez)
3:45 - 4:15	<b>PROJECT 40</b>	Pressure Drop in Flow Channels Due to Blockage by Water Drops (Drs. Shimpalee / Jeon)
4:15 - 4:45	<b>PROJECT 25D</b>	Gasket Material: Mechanical and Chemical Stability in PEMFC (Dr. Van Zee for Dr. Chao / Tan)
4:45 - 5:00	<b>Wrap-Up</b>	
7:00 - 10:00 PM	<b>Reception / Graduate Student Poster Presentations</b>	– <i>Faculty Lounge, Moore School of Business, 8<sup>th</sup> floor</i> <b>NOTE: Location Change</b>

**NOTE:** Each project is scheduled as follows: Technical presentation (20 minutes)  
Discussion/questions ( 5 minutes)  
Life forms ( 5 minutes)

**Thursday, March 6, 2008**

**Moore School of Business, 8<sup>th</sup> floor - (Rooms J & K) NOTE: Location Change**

7:15 - 8:00 AM	Continental Breakfast
8:00 - 10:30	Summary of LIFE Forms
10:30 - 10:45	<b>BREAK</b>
10:45 - 12:00 PM	IAB Business Meeting
12:00 - 12:30	Path Forward / Action and Responsibility
12:30	Adjourn to Faculty Lounge for Luncheon