



IEEE *Pi* IEEE *Edmont* Potential

A publication of the IEEE Piedmont Section - October 2008

Section Web page: <http://ewh.ieee.org/r3/piedmont/>

Council Web page: http://www.ieee.org/sc_council

Today's Engineer: <http://www.todaysengineer.org>

A MESSAGE FROM THE CHAIRMAN

Jerry Clark

Well, the days are getting shorter and there are signs that autumn is almost here. One sure sign the summer is over is the number of cars going through town on Saturday morning heading to Clemson for a football game.

I hope everyone had a good summer and are ready for the coming change of seasons. I will remember this summer for the extreme drought we have been in that has forced many of our communities to enact water conservation measures.

Energy will certainly continue to be one of the topics that will be discussed in the coming months, particularly since the passage of Ike through the Gulf of Mexico has disrupted gas shipments to our region and caused prices to spike in a matter of days.

Our society is faced with many weighty issues, not the least of which is mentioned above. Certainly, engineers will be fully involved in solutions to the challenges we face.

I would like to encourage you to get involved in our section. We are always looking for meeting ideas and speakers on any number of topics. If you have a topic you would like to present or know someone involved in some field or topic of interest, please let us know.

I will look forward to seeing you all in the coming months.

NEXT MEETING

Collaborative Innovation Between Automotive and IT Industries

Thursday, October 16, 2008
@5:00pm

The Automotive industry revolutionized mobility more than 100 years ago. The Information Technology industry is in our generation reinventing mobility and its impact on our personal and business lifestyles. In order to combine the benefits of physical mobility and digital mobility both industry segments need to open up for collaborative innovation models.

The Automotive industry is driven by efficiency and it used to be an industry of early adaptation of IT tools to optimize

its business processes. This optimization process has been applied so far to a traditional supply chain of physical parts. Now that vehicles migrate into nodes of a mobile communication network, building and optimizing a new supply chain of software, IT services and content becomes a new focus for the automotive industry.

IT innovations are key when it comes to reinventing traditional automotive business models and business processes. This requires new approaches for Automotive R&D and innovation models.

The BMW Group established in South Carolina an Information Technology Research Center (ITRC) where it is experimenting with collaborative innovation models between the Automotive and IT industry since 2005. In

Remaining Piedmont Section Meetings

October 16, 2008 @ 5:00PM:

Collaborative Innovation Between Automotive and IT Industries

November 21, 2008 @ 6:30PM (meal) Speaker @ 7:00PM:

Ricky Floyd, from the Greenville Police Department will discuss efforts to track down child predators online
Meeting to be held at ECPI: <http://www.ecpi.edu>

December 3, 2008:

ECE495 Senior Design Project Judging. Information on the class can be found here:

<http://www.ces.clemson.edu/ece/crb/ece495/> then click

“Current Project: Mirrored Environment”

Meeting to be held at Clemson University, Riggs Hall

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