



IEEE

IEEE **Edmont Potential**

A publication of the IEEE Piedmont Section - April 2007

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

The IEEE Piedmont Section exists for the benefit of its members and for the communities in which we live and work. However, there are serious threats to what we can accomplish. Lee Stogner (Region 3 Membership Development) recently sent out an email stating that in our region alone membership is down over 6,000 members since last year. Membership in IEEE is now more important than ever, when considering the many issues that face our industries across the US. A strong and growing member body can collectively accomplish more than any of us individually.

In Lee's letter he not only mentioned the importance of prompting members in arrears to update their membership, but also mentioned a program designed to assist the Section in growing. The program is called Member-Get-A-Member program. More information can be found at <http://www.ieee.org/organization/rab/md/mgm.html>.

This month's meeting is also a vital component in encouraging membership in our organization. We will be judging the Senior Projects, in which 5 groups of students are building "Gyrobots", basically a self-balancing

pendulum. Our participation in activities such as this makes a positive impact on students and can encourage continued membership and involvement in IEEE section programs. Come on out and help us evaluate each presentation.

I am still working on setting up a plant tour of the Oconee Nuclear Power Station and hope to have a date and additional information in the coming week. Members will be required to sign up in advance and fill out security paperwork. I will pass that information along as soon as I can get details finalized.

Finally, we have a number of blue denim button-up shirts for sale to Piedmont Section members. The cost is \$20 each, in a range of sizes. I will have them at the meeting for anyone who is interested. If you can't make the meeting but would like a shirt please drop me an email and we will work it out.

If you have any topics that you would like to know more about, or if you would like to make a presentation at a future meeting, please don't hesitate to contact me at jerry.clark@ieee.org, or one of the other officers. See you at the meeting!

NEXT MEETING

Clemson Student Project Presentations

Louis Hapeshis

Thursday, April 26 2007

100A Riggs Hall, Clemson University

This month, we will have the Clemson University students present their project for review by the IEEE members. Five groups of students are building a "Gyrobot" (see <http://www.ece.clemson.edu/crb/ece495/index.htm>) which is basically a self balancing pendulum. They will compete against each other on April 16, 2007.

Bonus!

We will also have the Robotics Team that competed at SoutheastCon 2007 give a short presentation of their robot and the competition.

Meeting Details:

6:00-6:30 dinner

6:30-6:45

SoutheastCon

Robotics Team

6:45-7:45 Design Presentations

Please email Louis Hapeshis (hapesl@ieee.org) or Jerry Clark (jerry.clark@ieee.org) if you plan to attend and especially if you plan to eat. We will be ordering the pizza's and need to know how many to buy. *Upon Arrival, a parking pass will be provided and must be displayed*

in your windshield while parked on campus.

Directions from Anderson or Greenville: turn left on Hwy 93 (either from Hwy 123 or Hwy 76). Come to the second light

(from Hwy 76) and make a left. Proceed straight through the stop sign and follow the road around a slight left curve. Straight through another stop sign and Riggs Hall is straight ahead. Parking passes will be provided

inside the meeting room #100A.
Directions from Seneca: Exit on Hwy 76 from Hwy 123. Follow the above directions from there.

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- 1) **Engineer, Electrical and Control System** in Upstate, SC (must have BS in Electrical Engineering)
- 2) **Process Engineer** in Upstate, SC (must have BS in Electrical Engineering)
- 3) **Project Engineer** in Upstate, SC (must have BS in Electrical Engineering and PE license)
- 4) **Project Manager** in Upstate, SC (must have engineering degree and experience with large capital projects)

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