



**I** NSTITUTE OF  
**E** LECTRICAL AND  
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**E** NGINEERS, Inc.

*The Baton Rouge Section*

# NEWSLETTER

Newsletter of the Baton Rouge Section of the Institute of Electrical and Electronics Engineers, Inc. April, 2006

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LSU- Dr. Ahmed El-Amawy  
SU-Dr. Pradeep Bhattacharya

## Chairman's Message

### NOTICE; NEW MEETING PLACE.

The last meeting was in March we had twenty-one members and four guest in attendance. The presentation was titled "Motors; a technical presentation of electrical motors, maintenance, service, and operation". The presenter was Mr. Gerry Thomas who is with Siemens Energy. He discussed the different types of motors and the meaning of the different type of these motors and what is the relationship of the centerline to the base of the motor. This was information that I was not familiar with how the was the motors are defined. Overall it was a good meeting and I appreciated the information presented at the meeting.

If you look at the upcoming agenda, you will see that we have meetings lined up through the end of summer, not counting June and July that will have no scheduled meetings. We (and I mean new Volunteers) (THANKS) are working to fill in a couple of open dates in the fall. Comments and leads are welcome. If anyone knows of a contact for Professional Ethics presenter, contact me. I think that the ethics requirement is only required every two years.

We also had a short meeting on April 19, 2006 at the new meeting place at Cathouse West formally the Avoyelles cafe' with Mr. Russ Harrison, the IEEE-USA Government Activities Staff Coordinator. He was meeting with different Sections of IEEE to get feedback on what the members would like to have IEEE work on in Washington D. C. This meeting was posted on the web page and I hope everyone who wanted to attend saw the notice. There was no PDH's given for this meeting. According to Mr. Harrison, he can do a technical presentation on this information and if we are interested, will come back in the future. The meeting and presentation was nice and the place was comfortable and food was very good. He covered some of the position that IEEE was taking on different areas that had bill in congress. This also included the H1B bills that are in the senate and the house of representatives. Let me or Monty know if there is interest in the membership.

**You may have noticed on the upcoming agenda below, that we are changing the meetings to the SECOND THURSDAY of the month starting in AUGUST.** We have had request to have more meetings and by changing to the second Thursday of the month allows us to have two additional meetings a year. Let me know if anyone has any problems with this arrangement.

### UPCOMING AGENDA

- May 25, 2006 VFD Presentation (ACC)
- June 22, 2006 Medium or high voltage switchgear (Powell)
- August 10,2006 Meeting IEEE 519 when applying MV AC Drives (Rockwell)
- Sept. 14, 2006 Open for now
- Oct. 12, 2006 Multin Relay Presentation (ACC)
- Nov. 9, 2006 Open
- Dec. 14, 2006 Open

Your input is still/always needed for future programs. Please contact any Section Officer or email me at [o.j.brouillette@ieee.org](mailto:o.j.brouillette@ieee.org) . You may call or drop a line to me (see RSVP phone number or return address) with a topic and a potential presenter or point of contact, and we will try to arrange a meeting, which will be of interest to you. We will try to give plenty of advance notice of the meetings so that you can arrange your schedule to attend the meeting(s) that interest you. Remember to attend the meeting and receive a Certificate of Completion for Professional Development Hours (PDH's).

**"Your attendance promotes our voluntary efforts."**

**O. J.  
Section Chairman**

# MEETING NOTICE

Date: Thursday, April 27, 2006

Time: Social.....6:00 P.M.

Place: Cathouse West Formally Avoyelles Cafe'

Dinner (\$15.00 members/

333 Third St. (upstairs)

\$18.00 non-members)...6:30 P.M

A NEW MEETING PLACE

Speaker Presentation .....6:30 P.M.

## CONTINUING PROFESSIONAL DEVELOPMENT

*Joint meeting IAS & IEEE Professional Presentation*

### On Arc Flash Protection and High Impedance Fault Detection

#### ABSTRACT of PRESENTATION

The proposed presentations will be about 22 minutes each and will be on the following two topics:

1. Arc flash protection: A review of industry standards, mitigation techniques and applications.
2. High Impedance Fault Detection: Staged fault testing and recent developments.

#### BIOGRAPHICAL DATA of PRESENTER

Mr. **Boris Vega** is the Regional Sales Manager for ABB Substation Automation and Protection Division in Miami, Florida responsible for international sales and the Southeastern US. He received his BSEE degree in Electrical Engineering from Florida International University in 1989. He joined ABB Protective Relay Division in 1990 as a sales engineer. In 1993, he became a Regional Technical Manager responsible for the application and support of protection relays. From 2002 to present he has worked in various sales management positions involving protection relays and substation automation

He is an IEEE member and a registered Professional Engineer in the state of Florida. Areas of interest include protective relay sales

#### VISIT THE BR SECTION WEBSITE

[http://www.ewh.ieee.org/r5/baton\\_rouge/](http://www.ewh.ieee.org/r5/baton_rouge/)

Ramblings and etc.

The dinner for student members is half price.

**Remember...meeting is at Cathouse West Formally Avoyelles Cafe' in the upstairs area. See you there.**

#### The 2005- 06 Officers of the IEEE LSU Branch.

Chair:

Vice-Chair:

Secretary:

Treasurer:

Counselor: Dr. Ahmed El-Amawy

Robotics Committee Co-Chairs:

#### The 2005- 06 Officers of the IEEE SU Branch.

Chair:

Vice-Chair:

Secretary:

Treasurer:

Counselor: Dr. Pradeep Bhattacharya

Robotics Committee Co-Chairs:

**RSVP to 225.618.4423 (O.J.) or to Monty) by April, 27, 2006 by Noon.**

**IEEE JOB SITE\***

[www.ieee.org/jobs](http://www.ieee.org/jobs)