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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. February 2009

## 2009 OFFICERS

### Chairman

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### Membership Chairman

Monty LaCour

### Student Liaison

Jeffrey Handal  
[jhandal@ieee.org](mailto:jhandal@ieee.org)

### Student Activities

### Co-Chairman

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

## Chairman's Message

The January meeting was attended by thirty-seven

people. Twenty-seven were members including four students. All of the students were from Southern University. The presenter was Mr. Jim Bowen. The presentation was on ANSI standard circuit breaker ratings and sizing. The meeting did last a little longer than usual, however, no one left until he had completed the presentation and answered questions.

We did have an election by acclamation and I will be the Section Chair and Don will be the Vice-Chairman. I appreciate the voting, however, I do not know if I should thank you all or what. Thanks. If anyone has a suggestion on how we may improve the meetings, please contact us. Jeffrey has the following announcements.

**Announcement 1:** The Baton Rouge Section is one of the units around the world participating in a new development tool called WebInABox. It provides an automated way of creating websites without having knowledge of website design. Please visit the new site by going to the link below: [http://webinabox.vtools.ieee.org/wibp\\_home/index/R50049](http://webinabox.vtools.ieee.org/wibp_home/index/R50049)

Feel free to provide feedback. It is highly encouraged. Our old website is still up and running while we conduct these beta tests.

**Announcement 2:** 1st Annual Conference: Green Technology Conference This is the first annual IEEE Green Technology Conference held in Lubbock, Texas on April 16-17. The conference features a wide variety of papers, presentations, and technical seminars. It precedes the Region 5 Business Meeting.

**Announcement 3:** The local student chapter from LSU and GOLD are teaming up to help celebrate Engineering Week. There are several activities planned from February 16th through the 20th. If you would like to participate and get involved, please contact Jeffrey Handal at [jhandal@ieee.org](mailto:jhandal@ieee.org).

Your RSVP for the meeting is important, please RSVP?

### Our Next Meeting Will Be At

**Year of 2009 thRalph & Kacoo's**

**6110 Bluebonnet Blvd. Date Thur. February 12th**

Just South of I-10, across from the Mall of Louisiana.

Meetings are normally held on the second Thursday of each month, which allows us to have a meeting every month.

### UPCOMING AGENDA

- February 12, 2009 Protection for Medium and High Voltage Power System
- March 12, 2009 Fire Rated, Circuit Integrity Cables
- April 9, 2009 Arc Flash Boundary Mitigation
- May 14, 2009 Medium Voltage VF Drive Technology
- June 11, 2009 Cable Tray System Design Considerations
- July 9, 2009 Transformer Repair and Maintenance
- August 13, 2009 Grounding for Electrical Power Systems
- September 10, 2009 Application of AC Drives with Long Cable Runs
- October 8, 2009 Ethics
- November 12, 2009 Transformer Fluids
- December 10, 2009 Surge Protection Devices and Grounding Update

### Other Sections Meetings and PDH opportunities.

A little short of space this month, more next month. Thanks.

**O. J.**  
Section Chair

# MEETING NOTICE

Date: Thursday, February 12, 2009  
Place: **Ralph & Kacoo's**  
**6110 Bluebonnet Blvd.**

Time: Social.....6:00 P.M.  
Dinner (\$20.00 members/  
\$25.00 non-members)  
Speaker Presentation .....6:30 P.M.

## CONTINUING PROFESSIONAL DEVELOPMENT

*Joint meeting IAS & IEEE Professional Presentation*

### Modern protective relays used in power systems

By **Sal Jadid**

#### ABSTRACT of PRESENTATION

This presentation will discuss modern protective relays used in power systems today. A brief overview of a digital relay and its function will be provided, as well as the use of such relay in a power system. Three main categories of protection will be discussed: Distance, Overcurrent and Differential. In addition, the advantages of digital relays will be highlighted for each category.

#### BIOGRAPHICAL DATA of PRESENTER

**Sal Jadid** graduated from the University of New Orleans with a Masters of Science degree. After graduation, he worked for Entergy in the Engineering Services group providing protection studies and was responsible for the programming of protective relaying used for both transmission and the distribution level. In 2006 he joined SEL as a Field Application Engineer where he holds his current position providing technical support assisting customers with application and teaching protection courses.

#### Ramblings and etc.

Please continue to RSVP to Don Couvillion at [dcouvill@ieee.org](mailto:dcouvill@ieee.org) or call (225)-362-2846 or use the section web site. Thanks. The meeting this month is at **Ralph & Kacoo's**. The dinner for student members is half price. One last Jeffry announcement: When sending e-notice this month, please send this link in the body: [http://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/409](http://meetings.vtools.ieee.org/meeting_view/list_meeting/409) This will allow folks to register for event. Let me know if you have any questions. Hope to see you there.

#### VISIT THE BR SECTION WEBSITE

You can RSVP on line at:

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

#### IEEE JOB SITE

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

#### The 2008-09 Officers of the IEEE LSU Branch.

Email: [ieeesb@ece.lsu.edu](mailto:ieeesb@ece.lsu.edu)  
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Counselor: Jorge Aravena – [aravena@ece.lsu.edu](mailto:aravena@ece.lsu.edu)  
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Mariel Losso – [mlosso1@lsu.edu](mailto:mlosso1@lsu.edu)  
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Franklin “Keith” Sands – [kd5shw@hotmail.com](mailto:kd5shw@hotmail.com)  
Darren Kattan – [dkattan@immense.net](mailto:dkattan@immense.net)

#### The 2008-09 Officers of the IEEE SU Branch.

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Jeoffri Davis - [jeoffridavis@enr.subr.edu](mailto:jeoffridavis@enr.subr.edu)

RSVP to Don (225) 362-2846 by 10:00 AM. Meeting day or email by Wednesday, February 11, 2009 Thanks  
[dcouvill@ieee.org](mailto:dcouvill@ieee.org)

