



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

The Baton Rouge Section

NEWSLETTER

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

1999-06 OFFICERS

Chairman

O. J. Brouillette
618-4423 (O)
618-4330 (F)

Vice-Chairman

Treasurer

Monty LaCour
297-3006 (O)

Recording Secretary

Monty LaCour

Publicity Secretary

Monty LaCour

Web-site Manager

Al Jolissaint III
268-5958

Newsletter Editor

O. J. Brouillette

IAS Chapter Chair

Wayne Gordon
272-4677(H)
281-3821(C)

PACE Chairman

Vacant

Membership Chairman

Monty LaCour

Student Liaison

Vacant

Student Activities

Co-Chairman

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

Chairman's Message

The last meeting was in October and we had twenty-six people including three guests, a few students, and the presenter. The presentation was titled "GE Multilin type UR Relays". The presenter was Mr. Mike Marx who is with ACC in Baton Rouge. Unfortunately I was not able to attend the meeting since I had to attend a meeting in Richmond Va. I understand that the meeting was well attended and there were quite a few questions. Overall it was very good meeting and I appreciated the information presented at the meeting.

The next meeting in December will be on ethics. We may have to change the meeting place to ensure that there will be room for everyone. Typically, in the past, the turn has been very good and we expect the same thing. If the meeting place is changed, we will inform everyone as to the place and location in the next newsletter.

The upcoming agenda is a work in progress. We are shoring up a program that will extend through July and will start posting the programs hopefully in December. 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.

If anyone has a problem with the new schedule starting in August, contact Monty or me at your convenience. We appreciate the input and help that helps the Section.

I appreciate that the LSU student Section has contacted us as to the upcoming officers for next year. I will input this information in the next Newsletter. Anyone who may be interested in attending or presenting a presentation to the students would probably be appreciated. Contact me or Monty or the LSU student Section. Thanks.

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

- December 14, 2006 Ethics
- January 11, 2007 being worked on thru July and later.
- February 8, 2007
- March 8, 2007
- April 12, 2007
- May 10, 2007
- June 14, 2007
- July 12, 2007

Your input is still/always needed for future programs. Please contact any Section Officer or email me at 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, November 9, 2006

Place: Azteca's Mexican Cuisine
Hammond Aire Shopping Center

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

Dinner (\$15.00 members/
\$18.00 non-members)

Speaker Presentation6:30 P.M.

CONTINUING PROFESSIONAL DEVELOPMENT

Joint meeting IAS & IEEE Professional Presentation

Safety and Technological Enhancements in Low Voltage Motor Control Centers and Upstream Protection.

ABSTRACT of PRESENTATION

Mr. Larry Saunders, will discuss Safety and Technological Enhancements in Low Voltage Motor Control Centers and Upstream Protection. Topics will include:

- Incidence of Faults.
- Short Circuit Capacity
- High level vs. Low Level Faults
- Equipment Protection.
- Arc-Faults and PPE
- New Technologies.
- Future MCC enhancements

BIOGRAPHICAL DATA of PRESENTER

Mr. Larry Saunders received his BS Degree from Louisiana State University and his MBA from Loyola University. His more than 30 years in the Electrical Industry include various sales engineering, marketing and management positions with Square D Company, with Westinghouse, with Allen Bradley, and most recently with Eaton Electrical / Cutler-Hammer as District Engineer.

Larry is active in the ISA where he has served on the Executive Committee for many years in various committee positions and as Vice President. He is currently President-Elect of The New Orleans Section.

He has served in leadership positions with the Electrical Association of New Orleans as Vice President and Director and as an active member of IAEL.

He served as one of the co-authors of the API Standards RP14F and RP14FZ (Electrical Standards for Offshore Floating Platforms).

Larry has been active in IEEE as a member of both the Power Engineering Society and the Industry Application Society. His authorships include two IEEE-IAS-PCIC papers and

presentations, an IEEE-IAS Transactions paper, an IEEE-IAS-PCIC tutorial, and a 1997 PCIC Best Paper Award. He currently serves as National Vice Chair of the PCIC Production Subcommittee. Seeing the need for an enhanced safety (arc-resistant) low-voltage MCC, Larry was instrumental in the approval for development of IEEE Standard P1683 and currently serves on the committee writing the standard.

VISIT THE BR SECTION WEBSITE

http://www.ewh.ieee.org/r5/baton_rouge/

Ramblings and etc.

The dinner for student members is half price.

Remember...meeting is at Aztec's Mexican Cuisine in the Hammond Aire Shopping Center Across from Stein Mart
See you there.

The 2006- 07 Officers of the IEEE LSU Branch.

Chair:

Vice-Chair:

Secretary:

Treasurer:

Counselor: Dr. Ahmed El-Amawy

Robotics Committee Co-Chairs:

The 2006- 07 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 225.297.3006 (Monty) by Nov, 9, 2006 by Noon.

IEEE JOB SITE*

www.ieee.org/jobs

2007 Membership Year Brings New Benefits and Services

The new membership enrollment year has kicked off with some useful new member benefits, services, products, and upgrades to existing programs. Read more at

<http://bmsmail3.ieee.org:80/u/4256/01381052>

Students Build Autonomous Aircraft

While the technology in science-fiction movies might be a dream to some, the university students participating in the 16th Annual International Aerial Robotics Competition are making it a reality. Read more about their aircraft at

<http://bmsmail3.ieee.org:80/u/4257/01381052>

MIT Advanced Study Program -- Register for Spring 2007

The Massachusetts Institute of Technology Advanced Study Program (ASP) is now accepting applications for the Spring 2007 term.

ASP provides full and part-time certificate programs to working professionals at any stage of their careers. The program includes a flexible curriculum of MIT courses designed around the goals of participants and their sponsors.

To fill out an application, view a five-minute video that describes the ASP program, or request an information packet, visit

<http://bmsmail3.ieee.org:80/u/4259/01381052>

Device Researchers See Big Future in the Ultrasmall

For more than half a century, a slowly growing group of researchers has been gathering each year at the International Electron Devices Meeting (IEDM) to focus on creating devices on an ever-smaller scale. Read about the 52nd IEDM, to be held from 11 to 13 December in San Francisco, and its nanotechnology program at

<http://bmsmail3.ieee.org:80/u/4262/01381052>

Environmentally Friendly Outdoor Lighting

Interested in installing outdoor lights that don't create light pollution in the night sky? Listen to an IEEE Spectrum Radio report featuring Jim Benya, an electrical engineer who believes in designing environmentally friendly outdoor lighting, at

<http://bmsmail3.ieee.org:80/u/4267/01381052>

The Brightest Minds Discussing the Biggest Topics

Subjects in the IEEE Spectrum Tech Insider Webinar Series now include Entrepreneurship and Computer Science; Design and Process

Engineering: Bridging the EDA Gap; Medical Technology Gets a Shot in the Arm; and Mobile Devices and Their Impact on Network Security.

Read more and sign up at

<http://bmsmail3.ieee.org:80/u/4268/01381052>

Members who need to CHANGE CONTACT INFO on file with the IEEE, including e-mail addresses, should do so at:

<<http://www.ieee.org/membership/coa.xml>>

Members who need to UPDATE THEIR IEEE EMAIL ALIAS, may do so at: <<http://eleccomm.ieee.org>>

Or if you need assistance with your membership, contact IEEE Member Services by e-mail at <<mailto:member-services@ieee.org>> or by telephone +1 800 678 IEEE (+1 800 678 4333) from within the U.S., or +1 732 981 0060 from outside the U.S., or by fax +1 732 562 5445.