



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. May, 2006

1999-05 OFFICERS

Chairman

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

Vice-Chairman

David Breaux
618-4408 (O)
618-4330(F)

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

NO
TICE
:
NEW
MEE
TING
PLA
CE.

Chairman's Message

The last meeting was in April and we had sixteen members, three guests, and one student in attendance. The presentation was titled "Arc Flash Protection and High Impedance Fault Detection". The presenter was Mr. Boris Vega who is with ABB Substation Automation and Protection Division located in Miami. He discussed a new type of arc flash detection and protection system and the speed of the protection, which had some potential and how to design the system to be better and safer in the field. He also discussed a new relay that was effective in detecting high impedance faults in distribution feeders in substation. Overall it was very 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 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.

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.

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

- 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. 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.

S
e
c
t
i
o
n

C
h
a
i
r
m
a
n

MEETING NOTICE

Date: Thursday, May 25, 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 Presentation6:30 P.M.

CONTINUING PROFESSIONAL DEVELOPMENT

Joint meeting IAS & IEEE Professional Presentation

Variable Speed Drives; operation, construction, application problems, and solutions.

ABSTRACT of PRESENTATION

Mr. Obee will be discussing motor and load characteristics as they apply to Variable speed drives and also the operation and construction of drives. And Mr. Thompson will be discussing major drive application problems and their solutions including: long cable length, over voltage, bearing currents, and electrical noise

BIOGRAPHICAL DATA of PRESENTER

Mr. Douglas H. Obee, Vice-President of Automation Control Co. Inc. , graduated in 1968 from The University of Cincinnati with a B.S.E.E. degree. After 8 years in electrical manufacturer and wholesaler sales, I was Engineered Products Manager for 10 years for an air compressor supplier. I started with ACC in 1987 and have applied drives for 18 years in a variety of industrial applications.

And Mr. Todd Thompson Education: 1989 Graduate of Texas A&M University Degree: B. S. Electronic Engineering Technology with 16+ years experience in Drive Industry including Application Engineering, Product Management, and Sales.

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 Cathouse West Formally Avoyelles Cafe' in the upstairs area. 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 Monty by May, 25, 2006 by Noon.

IEEE JOB SITE*

www.ieee.org/jobs