



I NSTITUTE OF
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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. June, 2008

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Student Activities

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

Chairman's Message

The May meeting was attended by twenty-nine people. Twenty were members including seven students. Most of the students were from Southern University. The presenter was Larry Saunders of Eaton Corporation/Cutler-Hammer. Your RSVP for the next meeting is important, please RSVP?

The IEEE has launched an online member directory designed to encourage peer-to-peer networking within IEEE membership. MemberNet is the first step in a series of next-generation capabilities that will encourage virtual collaborations between members with similar technical interests, regardless of geography.

While the basic member profile in MemberNet contains every member's name and membership grade, each member can indicate by check mark what additional information they would like to also have appear. These may include technical interests, local Section, or IEEE Society affiliation. The MemberNet directory, and its opt-in management, is accessible from myIEEE, at <http://www.ieeee.org/myieeee>. For more information about IEEE MemberNet, visit <http://www.ieeee.org/membernet>.

Our Next Meeting Will Be At

Ralph & Kacoo's, 6110 Bluebonnet Blvd., Date Thur. June. 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

- June 12, 2008 Transformer Technology & Impacts of Changing Markets
- July 10, 2008 Short-Circuit Protection – Cable Tray and Cleats
- August 14, 2008 Medium and High Voltage Switchgear
- September 11, 2008 Stationary Batteries and Charger Technology
- October 9, 2008 Ethics
- November 13, 2008 Transformer Maintenance or DGA Test Reports
- December 11, 2008 Grounding for Electrical Power Systems

Your input is still/always needed for future programs. Please contact any Section Officer or email me at dcouvill@ieeee.org. Remember to attend the meeting and receive a Certificate of Completion for Professional Development Hours (PDH's).

The IEEE Baton Rouge Section is looking for members interested in upgrading to Senior Member. Please contact Monty LaCour via email: monty.lacour@englobal.com

Don Couvillion
Section Chair

MEETING NOTICE

Date: Thursday, June 12, 2008
Place: **Ralph & Kacoo's**
6110 Bluebonnet Blvd.

Time: Social.....6:00 P.M.
Dinner (\$20.00 members/
\$25.00 non-members)
Speaker Presentation6:30 P.M.

CONTINUING PROFESSIONAL DEVELOPMENT

Joint meeting IAS & IEEE Professional Presentation

Transformer Technology & Impacts of Changing Markets

By Mr. Brian M. Raney

ABSTRACT of PRESENTATION

The presentation will include an overview of the following:

- Round, Disc, and Rectangular core/coil design.
- Fluids
- Accessories
- 2010 DOE efficiency standards.
- Commodity impact to transformer pricing

BIOGRAPHICAL DATA of PRESENTER

Brian M. Raney is a Marketing Consultant for ABB Inc. Small Power Transformer Division. He has a BS in Chemical Engineering from West Virginia University Institute of Technology. Brian has been with ABB for 19 years and has served in various positions, including Safety & Environmental Engineer and IT Director

Ramblings and etc.

Please RSVP to Don Couvillion at dcouvill@ieee.org or call (225)-362-2846. Thanks. Remember the meeting this month is at **Ralph & Kacoo's**. The dinner for student members is half price. Hope to see you there.

Update Your IEEE Profile, get Ready to Vote. The annual IEEE election is around the corner, and it's time to ensure your ballot reaches you. Make certain that IEEE has your up-to-date postal and e-mail addresses before 30 June. This time around, ballots will be mailed by 1 August--one month earlier than in the past--so make sure the address you provide is where you would like the ballot package to be sent. For more information, visit

<http://bmsmail3.ieee.org:80/u/11726/02256832>

IEEE TV

"Nerd Girls" TV Program Challenges Stereotypes
In the midst of reality TV shows featuring dancers, models, and singers trying to make it in show business, IEEE.tv is now showing a pilot of "Nerd Girls"--a reality show about a team of female engineering students building a solar car. Read more about it at

<http://bmsmail3.ieee.org:80/u/11729/02256832>

VISIT THE BR SECTION WEBSITE

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

IEEE JOB SITE*

www.ieee.org/jobs

The 2008-09 Officers of the IEEE LSU Branch.

Email: ieeesb@ece.lsu.edu
Chair: John Harvey
Vice-Chair: Yunan Yuan
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Robotics Committee Co-Chairs:
Alex Ray – aray4@lsu.edu
Franklin "Keith" Sands – kd5shw@hotmail.com
Darren Kattan – dkattan@immense.net

The 2007-08 Officers of the IEEE SU Branch.

Chair: Eric G. Huey
Vice-Chair: Chrarena Robinson
Secretary: Brittany Matthews
Treasurer: Lauren Gransberry
Eng. Council: Brandon Richard
Counselor: Dr. Pradeep Bhattacharya
Robotics Committee Co-Chairs: Nicholas Eubanks, Jeffri Davis

RSVP to me (225) 362-2846 or email me by June 12, 2008 by 10:00 AM. Thanks

dcouvill@ieee.org

Other Articles

The following articles are provide by IEEE USA

Call for Fellow Nominations

Nominations are being accepted for the IEEE Fellows class of 2010. The rank of IEEE Fellow is the institute's highest member grade, bestowed on an IEEE Senior Member who has had an extraordinary record of accomplishments in any of the IEEE fields of interest. The deadline for nominations is 1 March 2009.

Senior Members can be nominated in one of four categories: application engineer/practitioner, research engineer/scientist, educator, or technical leader.

The Fellows Web pages contain information regarding the history of the IEEE Fellows program, the nomination process, access to the Fellows Nomination Kit, lists of Fellows who are eligible to be references and more about the Fellow program. Please visit the Fellows website at <http://www.ieee.org/fellows>.

Frank Romano
Administrator, Fellow Activities
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<http://www.ieee.org/fellows>

Clearing Up Confusion in Fellows Categories*

Even though it's been nearly three years since nominations were first accepted for the newest Fellows category, Application Engineer/Practitioner, few have been nominated. Out of the 295 Fellows named in 2008, only 20 were from the practitioner group compared to the 15 in the 268 member Class of 2007

One reason might be because people are still unsure about the type of work that qualifies someone for this category, says 2003 IEEE President Michael Adler and chair of the IEEE Board-appointed 2008 Fellow Ad Hoc Committee, which reviews the Fellows process.

"Many nominators are checking off the Research Engineer/Scientist box on the nomination forms when perhaps they should be marking the Application Engineer/Practitioner category," he says. "The position of some nominees is identified to be that of a research scientist or engineer, but the work for which they are being cited could be considered that of a practitioner," Adler explains.

There were 225 Fellows from the research engineer/scientist group in the 2008 class.

To help clear up any confusion and help boost the number of Fellows from industry, here is a primer of the type of work that qualifies for the application engineer/practitioner category.

The person has to be an IEEE senior member in good standing with five years of service in any grade of membership excluding affiliates, and who has made significant contributions in any of these areas: product development, systems, applications or operations, project management or construction, process development, manufacturing innovations, or codes or standards development.

Adler notes that it could be someone who develops a process to produce a product that may have been designed by others, and that has had a major impact.

For example, among Fellows in the Application Engineer/Practitioner category, were those who invented and standardized elements of optical transmission systems, developed applications for satellite data and airborne LIDAR (light detection and ranging) imagery, researched signal processing for acoustics and sound reproduction, and provided technical leadership of a project that turned novel concepts for computer architecture into commercial processors.

Nominations for the class of 2010 are now being accepted. The deadline is 1 March 2009. Nomination instructions, forms and additional information are available on the Fellows web site at <http://www.ieee.org/fellows>

Frank Romano
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<http://www.ieee.org/fellows>