



Message from the Chair

Hunter Boudreaux, P.E.

WHAT MEMBERS VALUE

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- STAYING TECHNICALLY SAVVY
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IEEE Lafayette Section & Power Society Presents (1 PDH): Transformer Design and Design Parameters

Presented by Ronnie Minhaz PE

Date: Tuesday March 28, 2017
Time: 12:00PM – 1:00PM
Location: Alesi's Pizza
4110 Johnston St
Lafayette, LA 70503
(337)984-1823

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Membership Development Report

2017 Section Officers

Chair:

Hunter Boudreaux
(337) 291-5825
Hboudreaux@lus.org

Vice Chair:

Henri LeDee
henriledee@gmail.com

Secretary:

Karen Hoyt
Khoyt@lus.org

Treasurer:

Doug Adams
Douglas.Adams@cleco.com

Power & Energy Society Chair:

Amy Henson

Computer Society Chair:

Skyler Williams

Young Professionals Society

Chair: (Formerly GOLD)

Vacant

Membership Development:

Monica Lanclos
(337)-291-5876
mlanclos@lus.org

Professional Activities:

David Pierce
d.pierce@ieee.org

Student Activities:

Dr. Paul Darby

Webmaster:

Matt Suire
337-291-5986
Msuire@lus.org

As of February, 2017, there were 140 higher grade members and 15 student members for a total of 155 members in the Lafayette Section. Higher grade members include Fellows, Senior Members, Members, Associate Members and Graduate Student Members.

Welcome to New Members

The Lafayette Section welcomes the following new members. We appreciate your membership support and look forward to serving you in the upcoming year.

Full Name	Join Date	Grade Description	Society Affiliation
Mario Burgal Gonzalez	02/03/17	Student	
Akarsh Kandala	02/06/17	Graduate Student	Control Systems; Power & Energy
Emily Claire Gannon	02/08/17	Student	
Shelly Gage LeBlanc	02/08/17	Student	
Daniela Siqueria Cruz	02/08/17	Student	
Veronica C Molina	02/14/17	Associate	
Uwem Sam Ekong	02/17/17	Graduate Student	

Senior Member Update:

Do you know an outstanding IEEE member who is not yet an IEEE Senior Member? Do you feel that you are qualified for such recognition? If you are interested in becoming a Senior Member or nominating a fellow IEEE member, please see <http://www.ieee.org/seniormember> for an application. For summary of benefits and qualification requirements, see http://ieee.org/documents/IEEE_Senior_Membership_Benefits_and_Requirements.doc. For local assistance, contact Monica Lanclos at 291-5876 (Work), 945-1494 (Mobile), or mlanclos@lus.org.

Membership Development Chair, Monica Lanclos with LUS contributed to this report.

MEMBERS

If you know of anyone who would be interested in joining the Lafayette Section of IEEE you could be rewarded through the IEEE Member-Get-A-Member (MGM) Program. Visit http://www.ieee.org/membership_services/membership/join/mgm.html for details.

Meeting Calendar

March 2

March 28

April 6

ExCom Meeting

Transformer Design Meeting

ExCom Meeting

Speakers and Topics Needed



Topics and speakers are always needed for the Section Meetings. So if you have an idea for a topic, want to speak, or know of a speaker, please contact one of the Lafayette Section Officers. This is your chance to have a say in what topics are discussed at the meetings.

Looking to Promote an Event or Conference?



We at the Lafayette Section of IEEE are looking for ways to keep you better informed when it comes to events in your area. If you know of an event or conference you would like to see in the newsletter, let one of the Lafayette Section Officers know along with a description of the event and we will make sure that it is mentioned in the newsletter.

IEEE Lafayette Section Website

The Lafayette Section is currently working in a website to keep you better informed about everything from meetings to information about the section. The website is a work in progress and can be found at <http://sites.ieee.org/lafayette>

In Need of PDHs

Many IEEE Societies offer free webinars that are worth PDHs for its members. Keep a look out in your IEEE Societies' Newsletters for possible upcoming webinars.

IEEE ULL Student Section Officers

President: Aaron Morris
adm3172@louisiana.edu

Vice President: Dario Lara
dxl9213@louisiana.edu

Secretary: Courtney Norris
cmn8266@louisiana.edu

Treasurer: Camille Charnews
cxc1030@louisiana.edu

Sports Coordinator: Lance Ragas
ljr0457@louisiana.edu

Room Affairs: Jackie Sanvises
[mps8955@louisiana.edu](mailto:mpe8955@louisiana.edu)

Professionals Connect with Student Members

The EECE Department of UL Lafayette also through its student chapter officers would like to extend an invitation to the higher grade members of the Lafayette Section to attend or give a talk at the regularly scheduled monthly meetings of the IEEE student group. The student meetings are generally held on the last Thursday of every month during the semester. For more information about connecting and forming mentorships, higher grade members of the Lafayette Section may contact the President, Aaron Morris at adm3172@louisiana.edu



Meet Dr. Renuka P. Jendal



Renuka P. Jindal (Ray) has been elected as the IEEE Division I Delegate-Elect/Director-Elect, 2017, IEEE Division Delegate/Director, 2018-2019. In this capacity he will be a member of the IEEE Board of Directors and a representative to the IEEE Assembly.

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community to innovate for a better tomorrow through its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted "voice" for engineering, computing, and technology information around the globe. There are more than 420,000 IEEE members in over 160 countries. IEEE publishes a third of the world's technical literature in electrical engineering, computer science, and electronics and is a leading developer of international standards that underpin many of today's telecommunications, information technology, and power-generation products and services.

As IEEE Division I Director he will overlook five IEEE Operating Units including Circuits and Systems Society, Council on Electronic Design Automation, Electron Devices Society, Nanotechnology Council and Solid-state circuits Society with a membership of approximately 30,000 worldwide.

After an illustrious career with AT&T / Lucent Technologies Bell Laboratories for 22 years serving in both technical and managerial capacity, Dr. Jindal joined University of Louisiana at Lafayette in 2002 as Endowed Chair Professor in the Department of Electrical and Computer Engineering. A Fellow of IEEE, his technical contributions include the reduction of noise in MOSFETs by almost an order of magnitude. The ubiquitous cell phone is a testimony to the success of these early achievements.

If you would like to shape the IEEE of the future, this is your opportunity. Please contact Ray at jindal@louisian.edu.



**IEEE Lafayette Section & Power Society
Presents (1 PDH):**

Transformer Design and Design Parameters

**Presented by Ronnie Minhaz, PE of
Transformer Consulting Services Inc.**

About the Presenter:

Ronnie Minhaz received his B.Sc. degree in Electrical Engineering from University of Manitoba, Canada. Before founding his own company "Transformer Consulting Services Inc. (www.tc-servicesinc.com)", Ronnie worked as Transformer Designer at Pauwels Canada (Manufacturer), as Equipment Engineer at SNC Lava Lin(EPCM) and Enmax Power(Utility), as Substation Lead Engineer at McGregor Construction(Substation Construction). Besides providing services on Transformer as consultant, Ronnie has been instructor in training, workshop, conferences and seminars related to transformer around the world. Ronnie is a registered professional engineer in the province of Alberta, Canada and an IEEE Senior member. He held various leadership positions at IEEE Section level and a regular member of IEEE PES society. He is a member of several working groups and task forces in the IEEE Transformers Committee.

About the Presenter:

The presentation will be on the Basic of Transformer Design. The presentation will explain how a transformer designer interprets parameters such as MVA, lightning Impulse, Switching impulse, Percentage Impedance supplied by a customer. It will touch on Power rating [MVA], Core, Rated voltages, Insulation Coordination, Short-circuit Impedance, Short-circuit Forces, Loss evaluation, Temperature limits, Cooling, Sound Level etc. It will also explain overload and life expectancy of a transformer as well when Delta winding is needed in Wye-Wye connection. The presentation will answer why in North America we like to regulate from low voltage side whereas in Europe regulates from high voltage side.

Date:
Tuesday, 3/28/2017

Time:
12:00 PM-1:00 PM

Location:
Alesi's Pizza
4110 Johnston St
Lafayette, LA 70503
(337)984-1823

Meal Cost:
\$20/Person

Menu Choices:
10 inch, One Topping Pizza
Chicken Fettuccini
Spaghetti and Meat Ball
Manicotti Stuffed with Cheese
Cannelloni Stuffed with
Italian Sausage
Cannelloni Florentine Stuffed
with Veal and Spinach

