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| Newsletter of the Baton Rouge Section of the Institute of Electrical and Electronics Engineers, Inc. February, 2019 |

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**Branch Counselors**

LSU- Dr. Choi

SU – Dr.Fred Lacy

# Chairman’s Message

At the January meeting there were Thirty-four people in attendance. Twenty-four were IEEE members, nine were also IAS, one was ISA and nine were quests. There were no student at this meeting.

The presentation topic was "Methodologies to mitigate issues caused by Variable Frequency Drives" presented by Ron DuFresne of Yaskawa America Inc. He described a new type of VDF that converts AC to AC without a DC bus in between. The Matrix Drive eliminates cable issues and lowers bearing currents.

There is a charge, at the door, for meals at our IEEE meetings and remember that we can only except payment in **cash** or **check**. $20 for members, $30 for non members, $10 for students.

I still need you to mark on the sign-up sheet prior to the meeting, if you are an IEEE member, IAS member, ISA member, student, or a visitor/guest to the meeting, it will make my meeting attendance tally more accurate. I have to send this information to IEEE for every meeting. It does not matter if you are not a member and we will not place any pressure to join. *THANKS*.

Your RSVP for the meeting is important, please RSVP. We appreciate if, when signing up, you mark if you are an IEEE member including if you are an IAS member or not a member. A lot of you are doing so and we appreciate your help. This makes it easier for my book keeping which I have to report on each year. If you are not a member, that is not a problem. We will not be forcing you to join, and we can show you some benefits that will help you in your professional career. Anyway, we appreciate everyone who attends the meetings.

**Our Next Meeting Will Be At**

**Ralph &Kacoo’s**

**6110 Bluebonnet Blvd. Date Second Thur. Each Month**

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

**UPCOMING AGENDA**

* February 14, 2019 Design Considerations in High Current Cable Bus Applications
* March 14, 2019 Condition Based maintenance for Medium Voltage Switchgear
* April 11, 2019 Resolving ESP Motor Failures Using New Sine Wave Filters
* May 9, 2019 TBA, sponsor: Matt Proctor (David Hunt) of GE Energy Industrial Solutions
* June 13, 2019 Paralleling Concepts & Implementation.
* July 11, 2019 Mitch Reeves of Eaton Crouse-Hinds Series Products
* August 8, 2019 TBA sponsor: Randy Cox (David Hunt) GE Energy Industrial Solutions.

**Other Sections Meetings and PDH opportunities**.

Visit the Louisiana Engineering Society (LES) web page for additional chances for PDH’s at the website listed: [www.LES-STATE.org](http://www.LES-STATE.org)

If you know of another PDH opportunity, let me know when and where it is in time for me to put it in the newsletter. Thanks.

 Section Chair

 Don Couvillion

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### MEETING NOTICE

 Date: **Thursday, February 14, 2019** Time: Social……….......…...6:00 P.M.

 Place: **Ralph &Kacoo’s** Dinner ($20.00 members/

 **6110 Bluebonnet Blvd.**  $30.00 non-members)

 Speaker Presentation .......…6:30 P.M.

**CONTINUING PROFESSIONAL DEVELOPMENT**

#####  Joint meeting IAS & IEEE Professional Presentation

**Design Considerations in High Current Cable Bus Applications**

 **Presented by: Robert Sorbet, of Stafford Electrical Sales LLC.**

# ABSTRACT of PRESENTATION

Design Considerations in High Current Cable Bus Applications

This presentation will cover the main points of using cable bus in high current applications. An understanding of what cable bus is, and how it is defined by codes and industry standards. A review of independent testing by UL and CSA. Balancing, heat rise and the effects of short circuit on the system. Pro’s and con’s of using cable bus in different applications.

**BIOGRAPHICAL DATA of PRESENTER**

Robert Sorbet has been in the electrical industry for over 35 years. He started working commercial electrical construction with various contractors in the 1980’s. In 1988 he started work with Brown & Root in the petro/chem industry. Working in various capacities in the field (domestic and international )and the engineering office in Houston. In 2004, he switched to the distributor/manufacture side of the electrical industry with a posting to Dubai for WESCO. He is the president of Stafford Electrical Sales, a manufacture rep firm with six clients and a 4 state territory. Robert received an Associate of Applied Science Degree in Electrical Construction and an Associate of Business Studies Degree in Business Administration from Delgado Community College in New Orleans.

Robert Sorbet

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**Ramblings and etc.**

* Please continue to RSVP to Don Couvillion using the website: [Meeting RSVP via Web](https://meetings.vtools.ieee.org/m/189345).

https://events.vtools.ieee.org/m/183384

This is now the preferred method but if necessary you can email at 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.

If the **LSU** Branch Officers has changed, please let us know. If the **Southern** Branch Officers has changed, please let us know.

# VISIT THE BR SECTION WEBSITE

[**http://sites.ieee.org/baton-rouge/**](http://sites.ieee.org/baton-rouge/)

[**Section Newsletters**](http://sites.ieee.org/baton-rouge/newsletter/)

**The 2017-2018 Officers of the IEEE LSU Branch**

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**Counselor: Dr. Fred Lacy -** **FRED\_LACY@subr.edu**

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| **RSVP to Don (225) 362-2846 by 3:00 PM. Meeting day or email by Wednesday, February 13, 2019 Thanks.** dcouvill@ieee.org |

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