



INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, Inc.

The Baton Rouge Section

NEWSLETTER

Newsletter of the Baton Rouge Section of the Institute of Electrical and Electronics Engineers, Inc. Feb, 2023

2022-2023 BR SECTION CONTACTS

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Charles Darnell

Professional Activities

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WIE Affinity Group Chair

Anitra Wilson, Ph.D.

Student Branch

Counselors

LSU- Dr. Choi
SU – Dr. Fred Lacy

Chairman's Message

The January meeting was held in person with a total of 32 in attendance. Twenty-One (21) were IEEE members and eleven (11) were guests. Those in attendance included six (6) IAS, two (2) WIE and two (2) ISA members.

The January meeting topic was "Professional Ethics" presented by Donna Sentell, Executive Director Louisiana Engineering and Land Surveying Board. Donna stated that the latest update to the Laws and the Rules was in 2022. There were two revisions 1) SB 17/ACT 2 effective January 1, 2021 related to licensure requirements for professional engineers. The revision added that a professional engineer shall be allowed to be a graduate of an accredited engineering curriculum of four years or more approved by the board as being of satisfactory standing, who has twenty years or more of progressive engineering experience in work acceptable to the board, which is of good character and reputation, who has passed the examinations required by the Board, and who has satisfied the requirements of R. S. 37:694 and 2) HB 205/ACT 145 effective August 1, 2022 LAR.S. 37:701 which provided for the incidental practice of engineering by architects engaging in incidental engineering work for certain conditions.

Donna covered the life cycle of a complaint and typical fines. She presented various examples of violations, with life cycles and disciplinary action. In closing Donna emphasized that every professional engineer is required to earn 15 PDHs **per calendar year** with at least 1 PDH in professional ethics and at least 4 PDHs in Life Safety Code if you are involved in building systems.

Please RSVP before the day of the meeting. The sign-in list is typically published based on those that registered as of Wednesday evening (about 12noon). Also note there is a charge, at the door, for meals at our IEEE meetings and we can only accept payment in cash or check.

The BR Section will elect officers at the February 2023 meeting, interested candidates to contact one of the present officers by February 1, 2023. Only IEEE members can run and be elected to an office. If you are interested in getting involved, please join.

The next Baton Rouge Section IEEE meeting will be held:

February 09, 2023

LaContea Italiano Ristorante

Presentation Starts At 6:30pm

Please RSVP BEFORE Feb 09

To RSVP to meeting click on link below

<https://events.vtools.ieee.org/event/register/345183>

Your RSVP for the meeting is important as this is an in-person meeting.

UPCOMING AGENDA

- March 9, 2023 – Power Factor Correction Placement, Alejandro Deschamps, Southern States
- April 13, 2023 – Arc Flash Protection & Design, Shawn Johnson P.E., Eaton
- May 11, 2023 – TBD Josh Norton, Pinnacle Power

If you know of another PDH opportunity, let me know when and where.

Thanks.

Robert Walker

MEETING NOTICE

Date: **Thursday February 09, 2023** Time: Social.....6:00pm

Place: **LaContea Italiano Ristorante** Speaker Presentation.....6:30pm

Dinner: **Cash or Check only (\$20 members/ \$30 non-members/\$10 students)**

AGENDA:

- Meeting Sign-in—**Please circle if IEEE IAS ISA WIE member**
- 2023 Officers Election Feb 2023
- 2023 Meeting place/topics/activities
- 2023 Tech Night
- 2023 PCIC
- Upcoming Events
 - Feb 15 11AM-12PM (CST) IEEE PES Houston Webinar: Substation Connectors
<https://events.vtools.ieee.org/event/register/343760>
 - Feb 23-24 2023; LES Joint Engineering Conference (Lafayette)
 - March 13-17 2023 IAS Electrical Safety Workshop (Reno)
 - April 19-21 2023; IEEE Green Conference (Denver)
 - April 21-23 2023; IEEE Region 5 Annual Meeting & Student Competitions (Denver)
 - August 11-13 2023; IEEE Sectional Congress (Ottawa)
 - Sept 11-14 2023; IEEE PCIC (New Orleans)

• **CONTINUING PROFESSIONAL DEVELOPMENT** Joint meeting IEEE, IAS & WIE Professional Presentation

"Medium Voltage Switchgear Maintenance"

Presented by: Aaron Ross

Technical Director, Products and Services

Crescent Power Systems

ABSTRACT of PRESENTATION

This presentation will be on Medium Voltage Switchgear Maintenance. Often overlooked, is the importance of maintaining safe operation of medium voltage assets. In this presentation, we will cover the methods and frequencies of medium voltage switchgear maintenance to ensure the equipment continues to provide years of service to improve reliability as well as the safety of the operators. From grease to torque value as well as tests that can be used to trend performance, we will discuss the best ways to keep the heartbeat of many facilities operating as designed.

BIOGRAPHICAL DATA of PRESENTER

Operating out of our Houston office, Aaron supports the sales and execution teams from a technical aspect while working with our valued customers to develop innovative solutions to challenges in their electrical systems. Hailing from Pittsburgh, PA and graduating from Penn State University, Aaron joined Crescent Power Systems in 2016 as a Senior PM. Having worked for equipment manufacturers (Siemens and Powell), he brings insight to the manufacturing, field implementation, commissioning, and maintenance of the equipment we integrate.

Aaron Ross, PMP

Technical Director, Products and Services

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Ramblings and etc.

- **Meeting notices will be emailed each month.**
- Please use the link in the email to register or join meeting. If you do not get an email meeting notice each month, Please notify one of the officers.
- If you cannot RSVP thru the link or have questions, please email, or call Robert Walker or one of the other officers.
- Meeting sign-in include if member of IEEE, IAS, ISA or student.

VISIT THE BR SECTION WEBSITE

We are working on updating the BR IEEE section website

<http://sites.ieee.org/baton-rouge/>

Section Newsletters

2021-2022 Officers of the IEEE LSU Branch

President – Chandler Pumford cpumfo1@lsu.edu

Vice President – Patrick Maloney pmalon9@lsu.edu

Secretary – Sam Chanove- schanol@lsu.edu

Treasurer – Nathan Muralles- nmural1@lsu.edu

Advisor: Dr. Jin-Woo Choi choijw@lsu.edu

2020-2021 Officers of the IEEE SU Branch

Southern Branch Officers list is being updated.

Officer: Dailynn Thomas – dailynn_thomas_00@subr.edu

Officer: Dondy Dorlus – dondy_dorlus_00@subr.edu

Counselor: Dr. Fred Lacy - FRED_LACY@subr.edu

RSVP (Non-Members and Members) via the link BEFORE February 9th, 2023.

If you have issues, please email robert.walker@ieee.org