



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 April, 2025

## 2025 BR SECTION CONTACTS

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### Professional Activities

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### Student Branch

#### Counselors

LSU- TBD

SU – Dr.Fred Lacy

## Chairman's Message

**Please renew your IEEE membership for 2025.**

**Also we need help to run the Baton Rouge Section.**

The March meeting was a joint meeting with IAS, ISA and WIE; held in person with a total of twenty-three (23) in attendance. Nineteen (19) were IEEE members and four (4) were guests. Those in attendance included three (3) IEEE IAS members, three (3) ISA members and two (2) students.

The meeting topic was “Fundamentals of Bus Duct” presented by Robert Sorbet Manufacturer's Representative with Stafford Electrical Sales LLC.

The presentation covered the fundamentals of bus duct and busway. Robert reviewed different wiring methods including conduit & wire, cable tray & wire, busduct/busway and cable bus. He discussed how these methods to distribute power compares to busduct and busways. The maximum voltage for bus duct is 69kV. Along with enhancing safety bus duct is easy to install, adaptive, easy to maintain and robust. Dimensions are critical with bus duct design. Busway can be rated up to 600 volts and 6000amps. Busways have bus bar material in metal enclosures with joint connections and snap in breakers and or fuses. Busways are typically used in industrial facilities, data centers, commercial buildings, transportation and renewable energy facilities. Busways are very easy to install and save construction time and cost over the typical conduit or cable tray and wire in these facilities. Some of the standards are UL857 for 600V, IE61439-6 for up to 1000Volts and IEEE C37.23 above 600 volts. Busduct and Busways are both cost effective, efficient, space saving, reliable, durable, flexible and scalable, and there is compressive support from the manufacturers for both.

**April 10, 2025**

**LaContea Italiano Ristorante**

**Presentation Starts At 6:30pm**

To RSVP for the meeting click on link below

<https://events.vtools.ieee.org/event/register/478546>

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

The sign-in list is typically published based on those that registered as of midday Wednesday (about 12 noon).

## UPCOMING AGENDA

- April 10, 2025 – Planning the Future: A Cost-Effective Approach to Modernizing Aging Switchgear, David Parker Schneider Electric
- May 8, 2025 – Grounding for Electrical Power Systems (Low Resistance and High Resistance System Design), Manjeet Malik I-Gard Corporation
- June 12, 2025 – Arc Flash Protection with Current Limiting Fuses, Joey Giles Electrical Equipment Enterprises
- July 10, 2025 – To be Determined, Shawn Johnson Eaton
- August 14, 2025– Big Data and ME, Karen D. Morton, PE

Thanks.  
Robert Walker

# MEETING NOTICE

Date: Thursday April 10, 2025  
Place: LaContea Italiano Ristorante  
Dinner: **Cash or Check only (\$20 members/ \$30 non-members/ Free IEEE students members)**

Time: Social.....6:00pm  
Speaker Presentation.....6:30pm

**AGENDA:** Meeting Sign-in include if member of IEEE, IAS, ISA, WIE or student.

- IEEE/Region 5/BR Section 2025:
  - IEEE R5 Annual meeting - recap
  - Election IEEE changed process to all online, plan is to initiate 3<sup>rd</sup> qtr with elections 4<sup>th</sup> qtr.
  - Volunteers needed -- see open positions Page 1
- Ethics meeting location
- IEEE 2025 VOLT applications thru May 1, 2025
- IEEE-USA Congressional Outreach Program (ICOP) Local Visit/outreach local representatives
- Conferences, Webinars, Professional Activities
  - April 7 @ 10AM ET Kathleen Kramer presents Inspire and Engage the next generation of IEEE
  - April 8-9 IEEE Congressional Visit Day (CVD) Washington DC (Update Webinar May 8)
  - April 10 @ 11AM ET WIE Conquer Impostor Syndrome to Advance Your Career
  - August 4-7 TEMSCON Global 2025, San Diego, California
  - Sept 22-25 IEEE IAS PCIC Conference in Dallas, TX
  - May 26-29, 2026, IEEE Controls Systems Society Conference New Orleans

## CONTINUING PROFESSIONAL DEVELOPMENT PRESENTATION

### **"Planning the Future: A Cost-Effective Approach to Modernizing Aging Switchgear"**

**Presented by: David Parker**

#### **ABSTRACT of PRESENTATION**

This presentation is designed to inform people what modernization is, why modernization matters, what are some of the different modernization solutions and what the future of modernization looks like.

#### **BIOGRAPHICAL DATA of PRESENTER**

David Parker is a Business Development Manager within US Field Services at Schneider Electric. He graduated from SC State University with a degree in Electrical Engineering Technology. David started his career with Eaton/Cutler-Hammer in 1995 as a Product Engineer for MV Switchgear, MV Switches, and MV Non-Segregated Busduct. He has held positions in quality assurance, project management, and sales. With over 31 years of experience, David has worked for Eaton/Cutler-Hammer, Siemens, Cat-ISO, Vertiv, and now Schneider/Square D Services. For the last 12 years, he has been focused on extending the life and modernization of electrical distribution equipment utilizing current technologies to improve the performance of existing systems in various industries.

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#### **2024-2025 Officers of the IEEE LSU Branch**

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**Vice President** – Miguel Gutierrez [mguti25@lsu.edu](mailto:mguti25@lsu.edu)  
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**Advisor:** TBD

#### **2024-2025 Officers of the IEEE SU Branch**

**Southern Branch Officers list is being updated.**  
**Counselor:** Dr. Fred Lacy – [fred.lacy@sus.edu](mailto:fred.lacy@sus.edu)  
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**MemberChair:** Keyonna Brown [keyonna.brown@sus.edu](mailto:keyonna.brown@sus.edu)

**RSVP (Non-Members and Members) via the link BEFORE April 10, 2025**  
**If you have issues, please email [robert.walker@ieee.org](mailto:robert.walker@ieee.org)**