



## 2022-2023 BR SECTION CONTACTS

### Chair

Robert Walker  
(225) 448-5503 (O)  
(225) 907-7622 (C)  
[robert.walker@ieeeg.org](mailto:robert.walker@ieeeg.org)

### Past Chair

Don Couvillion  
(225) 362-2846 (C)  
[dcouvill@ieeeg.org](mailto:dcouvill@ieeeg.org)

### Vice-Chair

Donald Elliott Jr.  
404-274-3221 (C)  
[donaledelliottjr@hotmail.com](mailto:donaledelliottjr@hotmail.com)

### Treasurer

Seth Chandler  
(225) 300-4341 (C)  
[sethchandler@gmail.com](mailto:sethchandler@gmail.com)

### Secretary

Seth Chandler  
(225) 300-4341 (C)  
[sethchandler@gmail.com](mailto:sethchandler@gmail.com)

### Newsletter Editor

Robert Walker

### IAS Chapter Chair

Charles Darnell

### Professional Activities

Dennis M. Kates

### WIE Affinity Group Chair

Anitra Wilson, Ph.D.

### Student Branch

#### Counselors

LSU- Dr. Choi  
SU – Dr. Fred Lacy

## Chairman's Message

The December meeting was held in person with a total of 14 in attendance. Nine (9) were IEEE members and five (5) were guests. Those in attendance included four (4) IAS and one (1) ISA member.

The December meeting topic was "Understanding Closed Circuit TV in Hazardous and Non-Hazardous areas" presented by Marcus Romero, Area Sales Manager for Eaton's Hazardous Area Communication. Marcus presented information related to understanding CCTV, where CCTV technology is currently and where it is heading. He explained classified environments as defined in NEC (Class/Division) and IEC (Zones). He mentioned that the first CCTV was installed in 1942 by Germans to view a rocket launch and the first commercial CCTV was installed by the United States in 1949. Until a few years ago all CCTV were analog and fed a signal into a recording device and/or monitor. A system converted from analog to digital by replacing the cameras and cable or utilizing the existing coax cabling with a converter. Open Network Video Interface (ONVIF) is interoperability and standard of communications between video products. The three basic ONVIF points are S for IP based video and audio streaming; C for control access event and alarm management and G for wireless sensor network. DRI is the maximum range that an object can be either detected, recognized, or identified. Typical for Detection: detect an object is present – 40 pixels/ft; Recognition: discern the type of object, human vs vehicle – 58 pixels/ft; Identification: discern specific objects, a man vs. a woman, a car model – 80 pixels/ft. Although CCTV can have higher resolution, the industry standard is 2MP for explosion proof cameras. Cameras are installed in enclosures that are rated for classified environmental. CCTV technologies and capabilities have enabled this System to be widely used in the monitoring of manufacturing, processing and safety areas in our industry and many others.

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 except 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:

**January 12, 2023**

**Drusilla Restaurant**

**Presentation Starts At 6:30pm**

**Please RSVP BEFORE Dec 12**

To RSVP to meeting click on link below

<https://events.vtools.ieee.org/event/register/339403>

Your RSVP for the meeting is important as this is an in-person meeting and we need to give the restaurant an accurate headcount.

## UPCOMING AGENDA

- February 9, 2023 – Medium Voltage Switchgear Maintenance, Aaron Ross, Crescent Power
- March 9, 2023 – Power Factor Correction Placement, Alejandro Deschamps, Southern States
- April 13, 2023 – Arc Flash Protection & Design, Shawn Johnson P.E., Eaton

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

Thanks.

Robert Walker

# MEETING NOTICE

Date: **Thursday January 12, 2023** Time: Social.....6:00pm  
Place: **Drusilla Seafood Restaurant** 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 member
- Join/Renew 2023 IEEE Membership—
- BR section membership awarded for 2022.
- 2023 Officers Election Feb 2023
- 2023 BR WIE Affinity Group Chair
- 2023 Meeting place/topics/activities
- 2023 Tech Night
- 2023 PCIC
- Upcoming Events
  - Feb 23-24 2023; LES Joint Engineering Conference (Lafayette)
  - 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)
  - See IEEE website for complete listing of events
- **CONTINUING PROFESSIONAL DEVELOPMENT** Joint meeting IEEE, IAS & WIE Professional Presentation

## **“Professional Ethics”**

**Presented by: Donna Sentell**

**Louisiana Professional Engineering and Land Surveying Board**

### **ABSTRACT of PRESENTATION**

This will be a Professional Ethics Presentation covering laws, rules, and professional ethics.

### **BIOGRAPHICAL DATA of PRESENTER**

The Ethics Presentation will be given by Donna Sentell. Dona is the Executive Director for the Louisiana Engineering and Land Surveying Board for the past 18 years. In addition to overseeing a staff of 10 employees, much of her time is spent making outreach presentations on the Importance of Licensure at the 8 Louisiana schools with engineering and surveying programs. She also makes presentations on the laws, rules and professional ethics at various technical and professional societies.

She is a graduate of the University of Central Oklahoma, with a degree in Political Science/Public Administration. She has also worked for the Louisiana Press Association and the College of Engineering at LSU.

She is married to Will Sentell, a newspaper reporter with the Baton Rouge Advocate. They have two sons and a granddaughter.

### **LAPELS Contact:**

Donna Sentell  
9643 Brookline Avenue Suite 121  
Baton Rouge, Louisiana 70809-1433  
Phone (225) 925-6291  
Fax (225) 925-6292  
Email [donna@lapels.com](mailto:donna@lapels.com)  
[www.lapels.com](http://www.lapels.com)

### **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](http://sites.ieee.org/baton-rouge/Section%20Newsletters)**

### **2021-2022 Officers of the IEEE LSU Branch**

**President** – Chandler Pumford [cpumfo1@lsu.edu](mailto:cpumfo1@lsu.edu)

**Vice President** – Patrick Maloney [pmalon9@lsu.edu](mailto:pmalon9@lsu.edu)

**Secretary** – Sam Chanove- [schanol@lsu.edu](mailto:schanol@lsu.edu)

**Treasurer** – Nathan Muralles- [nmural1@lsu.edu](mailto:nmural1@lsu.edu)

**Advisor:** Dr. Jin-Woo Choi [choijw@lsu.edu](mailto: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](mailto:dailynn_thomas_00@subr.edu)

**Officer:** Dondy Dorlus – [dondy\\_dorlus\\_00@subr.edu](mailto:dondy_dorlus_00@subr.edu)

**Counselor:** Dr. Fred Lacy - [FRED\\_LACY@subr.edu](mailto:FRED_LACY@subr.edu)

**RSVP (Non-Members and Members) via the link BEFORE January 12th, 2023.**

**If you have issues, please email [robert.walker@ieee.org](mailto:robert.walker@ieee.org)**