



Thank you for coming to the **Mobile ASHRAE Annual Shrimp Boil, Friday, 26th!**  
Please check our Meeting/Events Schedule and Distinguished Lecturer topics below:

### **September Meeting**

Location: Wintzell's Oyster House, Downtown Mobile

Date: September 14, 2016

Time: 11:00am – 12:45pm

Speaker: **Channing Everett**

#### **Best Engineering Practices with AHRI 920 & ASHRAE 90.1 for DX, Dedicated Outdoor Air Equipment**

This presentation helps owners and engineers understand the new regulations governing the proper selection, operation, construction and application of 100% DX, Dedicated Outdoor Air Systems. It will reveal to engineers that they can now get part load operation and energy use data that has not been required or available by many manufacturers previously. It will unveil new changes in the AHRI 920 Rating and ASHRAE's 90.1 Energy Standard to ensure manufacturers produce more efficient and reliable equipment. The standard and rating are currently being used in the Commercial HVAC Industry to help engineers/owners select and purchase reliable and energy efficient equipment.

### **October Meeting**

Location: Wintzell's Oyster House, Downtown Mobile

Date: October 12, 2016

Time: 11:00am – 12:45pm

Speaker: **John Demillo**

#### **Induction and Chilled Beam Technology**

One of the premier AC systems in the 50s and 60s was high pressure induction systems. Mobile General Hospital, now USA Medical Center, AC system was completed around 1966 using under the window induction units. They are still working dependably and silently because they have no moving parts. Most in the Mobile Area have avoided chilled beams because of the potential for wetted ceilings. Modern chilled beams with drain pans can be applied in conjunction with a DOAS system providing dry outside air at room neutral air temperature, with the ability to provide zone sensible and even latent cooling, with elementary controls if desired. All other known chilled beams operate like trapeze artists that work without a net (or drain pan) to catch condensate.

## **November Technical Session**

Location: Holiday Inn Downtown, 2<sup>nd</sup> Floor, Windsor Room

Date: November 9, 2015

Time: 7:30am – 9:30am

Cost: **\$50** member / **\$100** non-member

Speaker: **Chris Edmonson**

### **Key Impacts of ASHRAE Standards on Water Side Design**

This seminar will take a common sense approach to specific sections of 90.1, 188-2015 and others that have a direct impact on water side HVAC installation and design. The goal of this talk is to approach a few of the key issues explaining why they are needed from an energy and health standpoint from a real world view point.

## **November Meeting**

Location: Wintzell's Oyster House, Downtown Mobile

Date: November 9, 2015

Time: 11:00am – 12:45pm

Speaker: **Chris Edmonson**

### **Modern Pump Selection for System Efficiency**

Many owners and engineers are installing VFDs on pumps with the hopes of energy savings. Simply adding a VFD is not the only step. Actual efficiency depends on the configuration of pump vs. load conditions and flow conditions. This talk will cover how to analyze a system to be able to give real estimates on VFD savings.

## **ASHRAE Christmas Party**

Location: 5 Rivers Delta Resource Center

Date: December 9, 2016

Time: 6:00 PM

Come for live music, great company, and cheer.

Free to all. Silent auction benefiting Ronald McDonald House and Penelope House Charities

## **January Meeting**

Location: Wintzell's Oyster House, Downtown Mobile

Date: January 11, 2017

Time: 11:00am – 12:45pm

Speaker: **Bob Feduik**

### **Optimizing Ventilation Design and Understanding the ASHRAE Multi-Space Equation**

Arriving at the correct ventilation system design for a multiple-zone application using the ASHRAE Standard 62.1-2004 (2007) Ventilation Rate Procedure is not a simple task. There are many variables that must be factored into the process some of which include complex equations. The reader should first have an understanding of all the Ventilation Rate Procedure concepts. Arriving at the optimized ventilation system design for a multiple-zone application requires further analysis. This may include the ability to utilize load calculation software to evaluate multiple scenarios in order to arrive at the most cost effective quantity of ventilation air while maintaining good indoor air quality for the specific application.

### **February Facility Tour**

Location: Wallace & Bankhead Tunnel

Date: February 8, 2017

Time: 11am – 2pm

Host: **City of Mobile**

Come see the ventilation system, construction, and traffic management of our very own tunnels.

Tour is limited to 30 people. Sign-up early. First come first serve. Box lunches will be provided. Parking arrangements to be sent out prior to event. Program begins with lunch and 15 minute presentation. Extensive walking will be required. We will see the inner workings of the tunnel ventilation and construction. Tour consist of both tunnels.

### **Sponsor Appreciation Dinner**

Location: TBD

Date: March 14, 2017

Time: 7:00pm – 9:00pm

Cost: Free

Speaker: **Ginger Scoggins, PE, Society Vice President**

Come for dinner on us as an appreciation of your long devotion to support ASHRAE and our chapter.

### **Consulting Engineer Round Table Breakfast**

Location: TBD

Date: March 15, 2017

Time: 7:00am – 8:00am

Cost: Free meeting, Dutch meal

Guest: **Ginger Scoggins, PE, Society Vice President**

Round table breakfast with the society vice president.

A survey will be sent out to local consulting engineers for questions they would like to ask the society president. Ginger will be able to provide great insight into ASHRAE operations, future of ASHRAE, and how new standards will affect industry.

### **March Meeting**

Location: Wintzell's Oyster House, Downtown Mobile

Date: March 15, 2017

Time: 11:00am – 12:45pm

Speaker: **Ginger Scoggins, PE, Society Vice President**

Topic: TBD

Ginger Scoggins, P.E., is president, Engineered Designs, Raleigh, N.C. which she co-founded in 1997. She received a Bachelor of Science in Mechanical Engineering from Tennessee Technological University in 1986. She formerly served on the Board of Directors as Region IV director and regional chair and is a recipient of an Exceptional Service and a Distinguished Service Award. As a vice president, Scoggins is a member of the Board of Directors and the Executive Committee and serves as vice chair of Technology Council.

### **April Meeting**

Location: Wintzell's Oyster House, Downtown Mobile

Date: April 12, 2017

Time: 11:00am – 12:45pm

Speaker: **Andrew Sorenson**

#### **Textile Air Dispersion Design and Applications**

The presentation will go in depth on proper Textile Air dispersion design, specification, installation considerations. The presenter will also provide an overview of where textile air dispersion products can be applied and the latest in air dispersion technologies.

### **2017 ASHRAE 3<sup>rd</sup> Charity Golf Invitational**

Location: Timbercreek Golf Course

Date: April 14, 2017

Time: 8:00 AM

4-man team scramble

Benefiting ASHRAE RP & Ransom Ministries

**We look forward to seeing everyone at these events and we appreciate your support! Please visit our website (<http://mobileashrae.weebly.com/>) for updated information on chapter functions and meetings!**