

The Triangle Chapter of ASHRAE

Wednesday, June 10, 2020

Monthly business meeting, meal, and Educational Seminar:

11:30 AM - 1:30 PM

@ City of Durham General Services Dpt bldg



Listen to a discussion of ASHRAE Tech Committees, and an update of the Technical Resource Group on Indoor Ventilation Standards.

PRESENTATION:

Introduction to Air Cleaning Technical Committees (TC's 2.3, 2.4, 2.9) & an Update of Tech Resource Group on IAQ Procedures

This presentation will start with an introduction to ASHRAE Technical Committees (TCs) including what types of TCs there are and how they benefit the ASHRAE community.

Then, she will talk about the three main TCs she belongs to and give you updates on what is going on in them. She will briefly talk about the areas each group is responsible for and upcoming research ideas we have in the works. Her area of interest is air quality and air cleaner testing, so these three committees focus on those areas:

- * TC2.3 "Gaseous Air Contaminants and Gas Contaminant Removal Equipment"
- * TC2.4 "Particulate Air Contaminants and Particulate Contaminant Removal Equipment"
- * TC2.9 "Ultraviolet Air and Surface Treatment"

In addition to these, she will give an update on TRG4.IAQP, (Technical Resource Group - Indoor Air Quality Procedure Development

SPEAKER: Kathleen Owen, FASHRAE

Owner and air pollution control engineer, Owen Air Filtration Consulting LLC, Cary, N.C.

Kathleen is an air filter/cleaner filtration efficiency and test method development expert. She worked on the ASHRAE and EPA projects that developed ASHRAE air cleaner efficiency test methods 52.2 (for particles), 145.2 (gases), and 185.1 (UV-bio aerosol). She also developed chamber test methods for gases and bio aerosols based, in large part, on the AHAM CADR test method. She was the first chair of ASHRAE committee SSPC 145 and is the current chair of ASHRAE 52.2. She is also the research subcommittee chair for TC2.3 Gaseous Contaminants and is a member of SSPC 185, TC2.4, TC2.9, TC2.3 and of the US TAG to ISO 142. During her years at RTI Intl., in addition to many ASHRAE and EPA projects on air cleaning and air quality, she ran the RTI commercial air cleaner test lab. She is currently the PI on 1720-RP "Validation of gas-phase air-cleaner performance test method (Standard 145.2) by laboratory testing of commercially available filtration devices" and has been awarded 1784-RP "Repeatability and reproducibility assessment of ASHRAE Standard 52.2 as currently amended" which will start in April.

She has a BS in chemical engineering (NCSU), and an MS in Air Pollution Control Engineering (UNC-CH).

Her substantial contributions to the HVAC&R industry were recently recognized by ASHRAE, when they elevated her membership grade to "Fellow".



SCHEDULE - Lunch Meeting:

11:30 AM: . . Sign-in & Socialize

12-1:30 PM . Meeting / Meal & Presentation

VENUE:

City of Durham, General Services Dept' (Training Room 141)

2011 Fay Street, Durham 27704

Free parking around the building, & on Fay St. right outside.

REGISTRATION: FREE !!!!

Anyone may attend -- There is NO FEE -- Food and drink will be provided

Please RSVP on the Triangle ASHRAE website, to give us a head-count for the seat, drink & meal quantities.

For info & to RSVP go to www.TriangleASHAE.com

PDH (Professional Development Hour) CREDIT:

This presentation should meet the NC PE criteria for 1 hour of PDH credit. Please Pre-Register with your PE number, and sign the Attendance Verification sheet. Should the state ever require Proof of Attendance, simply forward their request to President@TriangleASHRAE.com and a copy of the Attendance Sheet will be provided to them. Note: their rules require you to keep additional records. See the NC PE Board for details.

-- Please distribute and post this information for anyone interested --