



ASHRAE ACTION

ROANOKE CHAPTER NEWSLETTER

(WWW.ASHRAEROANOKE.ORG)

DECEMBER 2010

DECEMBER MEETING

PLEASE JOIN US FOR A GREAT MEETING WITH THE SHENANDOAH SECTION IN STAUNTON!

Tuesday, December 14th at DINNER
Holiday Inn Golf & Conference Center
152 Fairway Lane Staunton VA 24401

SPEAKER:

Julian De Bullet (ASHRAE Distinguished Lecturer)

TOPIC:

What should this be?

AGENDA:

Doors Open and Open Bar 5:30

Dinner: 6:00 pm (Dinner is \$25)

BUSINESS MEETING AND PROGRAM TO FOLLOW

RESERVATIONS MUST BE MADE BEFORE NOON on December 10th

TO Kyle Longbrake:

E-mail: Kyle.Longbrake@aecom.com

Phone: 540-857-3328

PRESIDENT'S CORNER

WELL I HOPE THAT EVERYONE HAD A HAPPY THANKSGIVING AND ENJOYED SOME TIME OFF WITH FAMILY. IT'S HARD TO BELIEVE THAT WE ARE ALREADY INTO THE HOLIDAY SEASON! WE ALL HAVE SO MANY THINGS TO BE THANKFUL FOR AND I WISH YOU AND YOUR FAMILY A HAPPY HOLIDAY SEASON!

THE THANK YOU TO KRIS KOLLEVOLL FOR AN EXCELLENT PRESENTATION ON "HOW TO SPECIFY ACOUSTICAL PERFORMANCE."

HOPEFULLY BY THIS TIME, EVERYONE HAS RECEIVED A 2010 ASHRAE DIRECTORY, IF YOU HAVE NOT, PLEASE LET ME KNOW. MANY THANKS TO OUR SPONSORS FOR MAKING THE DIRECTORY A SUCCESS! ALSO A SPECIAL THANKS TO KYLE LONGBRAKE AND AECOM FOR PRINTING THE DIRECTORY.

THIS MONTH WE WILL BE HEADING TO STAUNTON, VIRGINIA FOR OUR MONTHLY MEETING. DAVE MILLER, OUR SHENANDOAH CHAPTER REPRESENTATIVE HAS WORKED TREMENDOUSLY HARD AT FINDING A VENUE AND COORDINATING ALL THE DETAILS FOR OUR MEETING (THANK YOU DAVE!). AS YOU WILL READ BELOW, JULIAN IS AN ASHRAE DISTINGUISHED LECTURER AND WILL BE PRESENTING A TOPIC THAT WILL BE AFFECTING OUR INDUSTRY FOR MANY YEARS TO COME.

-PATRICK MURDOCK

MARK YOUR CALENDERS:



DECEMBER 2ND, 2010 – CHRISTMAS PARTY WITH AREA PROFESSIONAL ORGANIZATIONS (AIA, CSI, USGBC, ASCE, NAWIC, AGC, VRMCA, IESNA, ASID, ASHRAE) THURSDAY EVENING, DECEMBER 2ND, 6 PM TO 9 PM AT THE INN AT VIRGINIA TECH (SKELTON CONFERENCE CENTER)

January Meeting -- January 11th for Dinner Topic: ASHRAE 189.1 presented by ASHRAE Distinguished Lecturer Dru Crawley

**BOARD OF GOVERNORS MEETING @ TRANE
DECEMBER 14TH, 4:00PM**

ASHRAE Directory 2010-2011

**Has been mailed, let us know
if you did not receive your
copy.**

SPOTLIGHT ON ... THIS MONTH'S SPEAKER

We are pleased to invite you to the Shenandoah Section meeting on December 14th. Guest speaker, Julian de Bullet will share an informed discussion on the many issues our industry will face in the next few years. Among the topics to consider is the list of refrigerants that will be available for the next generation of products and what candidates are there for future consideration. We will hear about the changes being made to important Standards, such as ASHRAE Std. 90.1, 189, 15 & 34. Finally we will discuss current and future legislative activities. Your questions and comments will be welcome.

Julian R. de Bullet has over 30 years experience in the HVAC industry. His career has concentrated on the applied use of Chilled Water and All-Air systems as a manager of applied equipment sales and as a manager of a service/performance contracting operation.

He is the Director of Industry Relations for McQuay International, based in Washington D.C. He is responsible for assisting McQuay customers and McQuay sales representatives in HVAC&R system design and specification. He is a member of numerous industry associations concentrating on energy efficiency and responsible refrigerant use. He is a Board member of the Alliance for Responsible Atmospheric Policy (ARAP), a member of the AHRI Government Affairs Committee, International Committee and the Chiller Engineering Sub-Committee and represents McQuay International at both the Montreal Protocol and Kyoto proceedings as an NGO participant.

AS ASHRAE VICE PRESIDENT (2001/2003), HE SERVED ON THE BOARD OF DIRECTORS AND THE EXECUTIVE COMMITTEE AND WAS CHAIR OF MEMBER COUNCIL AND PUBLISHING COUNCIL. HE IS PAST PRESIDENT OF THE NATIONAL CAPITAL CHAPTER AND WAS DIRECTOR AND REGIONAL CHAIR FOR ASHRAE REGION III. HE IS AN ASHRAE DISTINGUISHED LECTURER WITH OVER 200 SEMINARS DELIVERED AROUND THE WORLD WITH TOPICS INCLUDING "RESPONSIBLE REFRIGERANT USE", "SUSTAINABLE HVAC SYSTEMS", "VARIABLE PRIMARY FLOW SYSTEM DESIGNS" AND "90.1 AND LEED". HE IS A VOTING MEMBER OF TC 8.2 CENTRIFUGAL CHILLERS AND HAS CO-AUTHORED NUMEROUS ASHRAE HANDBOOK CHAPTERS. HE CHAIRED THE PROFESSIONAL DEVELOPMENT COMMITTEE, (RESPONSIBLE FOR THE ASHRAE EDUCATIONAL PROGRAMS), WAS A VOTING MEMBER OF THE PUBLICATIONS AND EDUCATION COUNCIL AND IS A VOTING MEMBER OF THE SOCIETY ADVOCACY COMMITTEE. HE HAS CO-AUTHORED ASHRAE POSITION DOCUMENTS ON ENERGY EFFICIENCY, NATURAL REFRIGERANTS AND OZONE DEPLETION.

HE IS A GRADUATE OF THE LONDON UNIVERSITY SYSTEM IN ENGLAND, WHERE HE OBTAINED AN ELECTRICAL ENGINEERING DEGREE AND A DIPLOMA IN MARKETING.

ASHRAE NEWS!

New ASHRAE GreenGuide Features Guidance on Sustainable Planning, Carbon, Water Efficiency and Existing Buildings

ATLANTA – THE NEWLY PUBLISHED THIRD EDITION OF THE *ASHRAE GREENGUIDE: THE DESIGN, CONSTRUCTION AND OPERATION OF SUSTAINABLE BUILDINGS* IS AN UPDATED VERSION OF THIS EASY-TO-USE REFERENCE THAT COVERS THE NEED-TO-KNOW INFORMATION ON WHAT TO DO, WHERE TO TURN, WHAT TO SUGGEST AND HOW TO INTERACT WITH OTHER MEMBERS OF THE DESIGN TEAM IN A PRODUCTIVE WAY.

THE BOOK FEATURES NEW INFORMATION ON GUIDELINES ON SUSTAINABLE ENERGY MASTER PLANNING; UPDATES ON TEAMING STRATEGIES; INFORMATION ON HOW ISSUES RELATED TO CARBON EMISSIONS AFFECT BUILDING DESIGN AND OPERATIONAL DECISIONS; BUILDING INFORMATION MODELING (BIM); STRATEGIES FOR GREENING EXISTING BUILDINGS; UPDATES ON NEWLY DEVELOPED GREEN BUILDING RATING SYSTEMS AND STANDARDS; AND COMPLIANCE STRATEGIES FOR KEY ASHRAE STANDARDS. ALSO, THE GREENTIPS FOUND THROUGHOUT THIS EDITION HIGHLIGHT TECHNIQUES, PROCESSES, MEASURES OR SPECIAL SYSTEMS IN A CONCISE FORMAT.

“THE *ASHRAE GREENGUIDE* IS A LIVING DOCUMENT MEANT TO BE USED BY PROACTIVE DESIGN ENGINEERS WORKING ON GREEN BUILDING DESIGN PROJECTS AS PART OF A TEAM THAT PROVIDES IDEAS AND GUIDANCE OF WHAT TO DO, WHERE TO TURN, WHAT TO ADVISE AND HOW TO INTERACT WITH OTHER TEAM MEMBERS IN A PRODUCTIVE WAY,” JOHN SWIFT, CO-AUTHOR AND CO-EDITOR OF THE *GREENGUIDE*, SAID.

A NEW CHAPTER COVERS ARCHITECTURAL DESIGN AND PLANNING IMPACTS, INCLUDING SUSTAINABLE MASTER PLANNING. SUCH PLANNING ADDRESSES RESOURCE USE, LANDSCAPE CONCERNS AND ENVIRONMENTAL, ECONOMIC AND SOCIAL CONCERNS. A MAJOR PART OF SUCH PLANNING IS ENERGY AND WATER USE.

“AS A SMART BUILDING SERVICES ENGINEER, ONE MUST BE FAMILIAR WITH THE FLOWS OF ENERGY FROM GENERATION THROUGH TRANSMISSIONS TO CONSUMPTION,” TOM LAWRENCE, CO-AUTHOR AND CHAIR OF ASHRAE’S TECHNICAL COMMITTEE ON BUILDING ENVIRONMENTAL IMPACTS, SAID. “UNDERSTANDING THESE FLOWS IS CRITICAL TO BEING ABLE TO PROVIDE SOLUTIONS THAT INCREASE OVERALL SYSTEM EFFICIENCIES AND FACILITATE ENERGY REDUCTIONS AT ALL LEVELS.”

THE COST OF THE *ASHRAE GREENGUIDE* IS \$98 (\$83, ASHRAE MEMBERS). TO ORDER, CONTACT ASHRAE CUSTOMER SERVICE AT 1-800-527-4723 (UNITED STATES AND CANADA) OR 404-636-8400 (WORLDWIDE), FAX 404-321-5478, OR VISIT WWW.ASHRAE.ORG/BOOKSTORE

ELECTRONIC NEWSLETTER

Any member with material to submit for inclusion in the monthly newsletter may send the information to:

Kyle Longbrake
10 South Jefferson Street Suite 1600
Roanoke, VA 24011

E-mail: Kyle.Longbrake@aecom.com
Phone: 540.857.3100
Fax: 540.857.3180

This is your newsletter. We welcome your contributions and commentary.

Material can include letters to the editor, member news, upcoming events, comments on chapter programs or issues, etc.

ATTENTION MEMBERS:

INTERESTED IN SAVING MONEY?

STAR CARDS ARE AVAILABLE FOR PURCHASE. PAY NOW AND **SAVE** LATER!

\$50.00 STAR CARD – ADMISSION TO ANY THREE MEETINGS

\$100.00 STAR CARD – ADMISSION TO ANY SIX MEETINGS

WANT TO SAVE EVEN MORE MONEY?

IN SUPPORT OF THE SOCIETY GAME (GREENING ASHRAE MEETINGS AND EXPOSITIONS) PLAN, THE ROANOKE CHAPTER WILL OFFER DISCOUNTS ON MEMBERS WHO CARPOOL OR USE ALTERNATIVE TRANSPORTATION TO ATTEND MEETINGS.

\$2.00 DISCOUNT FOR DRIVING A CARPOOL.

\$1.00 DISCOUNT FOR ANY OF THE FOLLOWING:

- RIDING IN A CARPOOL
- WALKING
- BIKING
- RIDE PUBLIC TRANSPORTATION
- DRIVE HYBRID VEHICLES
- DRIVE ALTERNATIVE FUELED VEHICLES

BE SURE TO LET **RIK HUGHES** KNOW IF YOU QUALIFY FOR THE MEETING DISCOUNT WHEN YOU PAY FOR THE MEETING.

ROANOKE CHAPTER ASHRAE

2008– 2009 OFFICERS AND GOVERNORS

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2008 – 2009 COMMITTEE CHAIRS

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