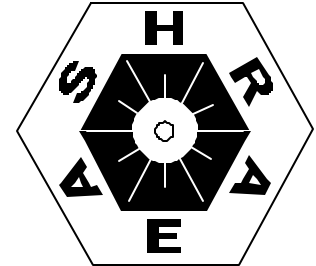


PYRAMID PRESS

ASHRAE – Memphis Chapter
www.angelfire.com/tn/ashrae/

May, 2003

LUNCH MEETING 11:30 TUESDAY,
MAY 13, 2003 EAST LOUNGE IN THE
THOMAS CENTER BUILDING 16 ON
REFERENCE MAP)



Memphis Chapter Contacts

THIS MONTH'S SPEAKER:

Guy Zebrick of Kele Products

**TOPIC: OVERVIEW OF WIRELESS I/O TECHNOLOGY
AND APPLICATIONS FOR USE WITH BUILDING
AUTOMATION SYSTEMS.**

18 years experience with building automation and controls including technical support, application engineering, project management, and system sales. B.S. degree in Organizational management and Associates Degree in Electronics Technology. Hold a FCC 2nd class radiotelephone license and Advanced class Amateur radio license.

PRESIDENT:

Brian Schaffler: 345-6100
Fax: 396-1781

PRESIDENT ELECT:

Chris Claude: 345-6000
Fax: 345-2803

V. PRES. - PROGRAMS

Jeff Gatlin: 452-2500
Fax: 452-2530

SECRETARY:

Gary Whittam: 432-3318
Fax: 396-4864

TREASURER:

James Prillaman: 452-6283
Fax 458-9640

MEMBERSHIP:

Dave Miller: 382-1884
Fax: 382-9640

NEWSLETTER:

Denver Glazier: 432-3348
Fax: 396-4864



THE PRESIDENT'S CORNER

TO: ASHRAE Members

President's Corner

Well it's hard to believe, but the ASHRAE year is already at an end. Next Tuesday, May 13th, will be our last meeting under the present Board of Governors. I'd like to thank this year's Board for a job well done as this year has gone as smoothly as I had hoped. After our meeting next Tuesday, we will adjourn until next September when Chris Claude will take over as our new President.

Our speaker this month is speaking on "Overview of wireless I/O technology and applications for use with building automation systems," by Guy Zebrick of Kele Products. This is a topic that should generate a lot of interest and I hope to see as many of you there as possible. Let's make this year's last meeting be the best turnout of the year.

Furthermore, please note the change in location of the luncheon for this month. It will be at the East Lounge of the Thomas Building at CBU.

Hope to see you all next Tuesday,

Brian Schaffler
Vice President, Sales
Gorham/Schaffler Inc.
901-345-6100

FUTURE PROGRAMS

May 13, 2003

11:30 a.m. – 1:00 p.m. Chapter Meeting – **TOPIC: Overview of wireless I/O technology and applications for use with building automation systems by Guy Zebrick of Kele Products.**

MARCH MEETING REPORT

The April seminar was attended by 14 people. Scott Mayes of Lakos spoke for two hours on the topic of "Filtration and Legionnaires Disease."

The April lunch meeting was attended by 36 people. Scott Mayes of Lakos spoke for one hour on the topic of "Legionnaires Disease and ASHRAE 12 Guidelines."

Also find associated information at the Memphis Chapter Web page (www.angelfire.com/tn/ashrae)



LESSONS LEARNED

Do you ever get confused about heating degree days and cooling degree days and what it all means? I don't deal with them frequently enough to have it do me much good. Also, it doesn't answer the questions we sometimes find ourselves faced with, such as "How many economizer hours will there be?" or "How many hours can we expect the outside temperature to be below 32 degrees?"

Some of you may remember the old Department of Defense Manual "Engineering Weather Data". Our copy is dated 1967. It shows monthly and annual breakdowns of how many hours the temperature was a certain value (for hundreds of military installations around the world. It also shows the mean coincident wet bulb temperature at each dry bulb temperature. I refer to it often.

Technology has caught up! I recently searched and found this data now on CD, for free! The problem is you are supposed have a current government design contract to get the CD (unless you can talk them into giving you a copy).

The CD is still entitled "Engineering Weather Data". It contains 16 pages of data for each of 800 sites around the world. It is available from:

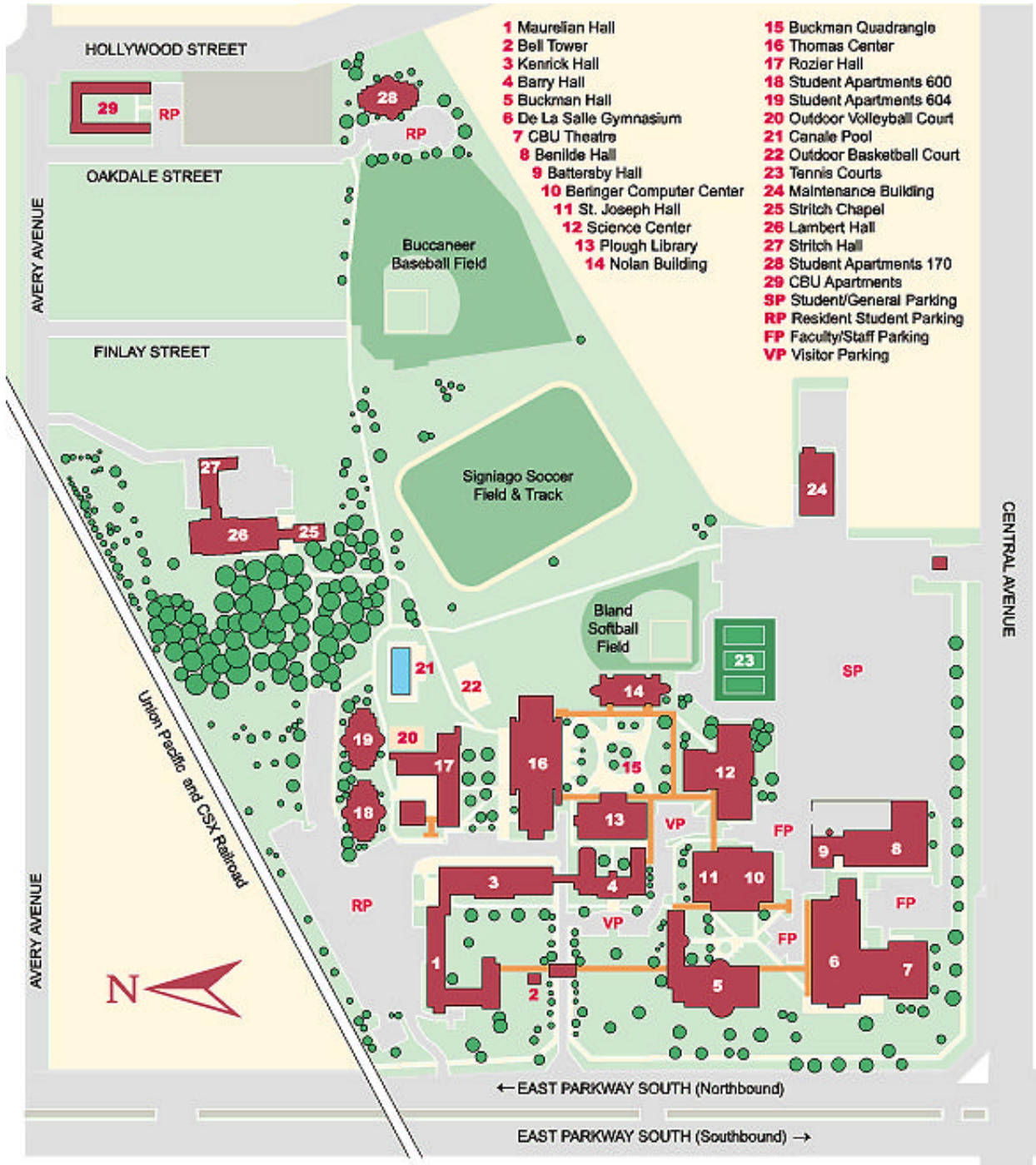
National Climatic Data Center
Climate Services Division
151 Patton Ave.
Asheville, NC 28801
828-271-4702
(orders can be made to orders@ncdc.noaa.gov)



M-1

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CHRISTIAN BROTHERS UNIVERSITY MAP MONTESI EXECUTIVE CENTER IN BUCKMAN HALL (BUILDING #5)



CHAPTER PROGRAM EVALUATION SUMMARY

(Form must also be used for Chapter Technical Sessions, Technical Seminars,
Technical Programs, and Technical Tours)

CHAPTER _____ Memphis 056 _____ MEETING DATE _____ 4-08-03 _____

PROGRAM CHAIR _____ Jeff Gatlin _____ MEETING ATTENDANCE _____ 36 _____

PRIOR YEAR'S AVERAGE ATTENDANCE _____ 53.4 _____

MAIN PROGRAM _____ XX _____ TECHNICAL SESSION _____ SEMINAR _____

PRESENTATION TITLE _____ Legionnaires Disease and ASHRAE 12 Guidelines _____

PRESENTATION LENGTH (TIME) _____ 1 hour _____ NUMBER OF RATERS _____ 6 _____ AVG. RATING _____ 99.2 _____

PROGRAM ABSTRACT _____ Stopping the growth of Legionella. _____

WOULD YOU RECOMMEND THIS SPEAKER TO OTHER CHAPTERS? YES _____ XX _____ NO _____

***** IF YES, COMPLETE REMAINDER OF FORM *****

SPEAKER

NAME _____ Scott Mayes _____

COMPANY _____ Lakos _____

ADDRESS _____ 11409 S. Hunter Dr., Olathe , KS 66061 _____

BUSINESS PHONE _____ 913) 541-8844 _____

E-MAIL _____ scottm@lakos.com _____

ASHRAE MEMBER # _____

OTHER SOCIETIES _____

REQUIREMENTS

HONORARIUM? (Y/N) _____ N _____ AMOUNT _____ ? _____

DISTANCE WILL TRAVEL _____ ? _____ MILES

WITHOUT REIMBURSEMENT _____ ? _____ MILES

REIMBURSEMENT REQUIRED?

TRANSPORTATION _____ No- Brought in by Sales Agency _____

LODGING _____ Ditto _____

MEALS _____ Ditto _____

*** * * COMPLETE BELOW TO NOMINATE PROGRAM FOR REGIONAL SPEAKERS LIST
OR BEST CHAPTER PROGRAM
AFTER ALL ABOVE INFORMATION IS COMPLETE * * ***

REGIONAL SPEAKERS LIST/BEST PROGRAM JUSTIFICATION _____

ATTENTION: CHAPTER PROGRAMS CHAIR

**Please use this form to summarize the Chapter Program Evaluation Forms that are completed by
chapter members at each meeting.**

CHAPTER PROGRAM EVALUATION SUMMARY

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Technical Programs, and Technical Tours)

CHAPTER _____ Memphis 056 _____ MEETING DATE ___ 4-08-03 _____

PROGRAM CHAIR _____ Jeff Gatlin _____ MEETING ATTENDANCE ___ 14 _____

PRIOR YEAR'S AVERAGE ATTENDANCE ___ 53.4 _____

MAIN PROGRAM _____ TECHNICAL SESSION _____ SEMINAR ___ XX _____

PRESENTATION TITLE ___ Filtration and Legionnaires Disease _____

PRESENTATION LENGTH (TIME) ___ 2 hour _____ NUMBER OF RATERS ___ 8 _____ AVG. RATING ___ 98.4 _____

PROGRAM ABSTRACT ___ Importance of correct skilled and condenser water filtration. _____

WOULD YOU RECOMMEND THIS SPEAKER TO OTHER CHAPTERS? YES ___ XX _____ NO _____

***** IF YES, COMPLETE REMAINDER OF FORM *****

SPEAKER

NAME _____ Scott Mayes _____

COMPANY _____ Lakos _____

ADDRESS _____ 11409 S. Hunter Dr., Olathe , KS 66061 _____

BUSINESS PHONE 913) 541-8844 _____ E-MAIL ___ scottm@lakos.com _____

ASHRAE MEMBER # _____ OTHER SOCIETIES _____

REQUIREMENTS

HONORARIUM? (Y/N) ___ N _____ AMOUNT ___ ? _____

DISTANCE WILL TRAVEL ___ ? _____ MILES

WITHOUT REIMBURSEMENT ___ ? _____ MILES

REIMBURSEMENT REQUIRED?

TRANSPORTATION ___ No- Brought in by Sales Agency _____

LODGING _____ Ditto _____

MEALS _____ Ditto _____

*** * * COMPLETE BELOW TO NOMINATE PROGRAM FOR REGIONAL SPEAKERS LIST
OR BEST CHAPTER PROGRAM
AFTER ALL ABOVE INFORMATION IS COMPLETE * * ***

REGIONAL SPEAKERS LIST/BEST PROGRAM JUSTIFICATION _____

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