

RESC Regional Engineers & Scientists of Cincinnati

Luncheon Meeting -Tuesday, May 18, 2010

Lunch: 11:30 am - Program: 1:00 pm - 2:30 pm
Evergreen, 230 West Galbraith Rd., Cincinnati, Ohio 45215
visit us at www.resc.org

Global Warming

By Dr. Marwan Nusair
Ohio P.E. CPD Credit

Don't miss this data driven view when discussing Global Warming



Dr. Nusair will present the data-driven view of global warming, where evidence of each source of climate change is considered and the various causes then compared, including human activity. A "consensus" is said to have formed on this subject, and the talk will dispel that idea almost immediately. The speaker is one of over 8,000 scientists with PhDs, and 31,000 scientists overall, who have signed a petition expressing their opinion that climate change is not primarily caused by human activity. Much of the "Smoke & Mirrors" on Global Warming will be exposed.



Dr. Marwan Nusair is from Amman, Jordan, and received his BA and MA with honors from Cambridge University in Natural Sciences (experimental physics), and his M.Sc. from the American University of Beirut in theoretical physics. He went on to a Ph.D. in mathematical physics from the University of Cincinnati, and, more importantly, met his wife there.

CONGRATULATIONS TO THE NEW OFFICERS

By a unanimous vote at the April meeting the membership voted to approve the new officers for the 2010-2011 seasons. Congratulations to our new vice president, Gene Gardner; our new treasurer, Jim Bohren and to our returning Secretary, Joe Rave. We look forward to another successful season for RESC.

RESC GOLF SCHEDULE 2010, APRIL THRU OCTOBER (Usually 4th Wednesday)



4/28 - FAIRFIELD GREENS N. TRACE	5/26 - LITTLE MIAMI GOLF CENTER
6/23 - AVON FIELDS	7/28 - TWIN OAKS SOUTH
8/25 - FAIRFIELD GOLF COURSE	9/22- EAGLES NEST
10/20 GEEAA GOLF PARK	(Please mark your calendars)

Reservations 10 days ahead to Enos Hayes, 513-248-0973 or email zenos@fuse.net
or to Dick Hertzog, 513-624-9153

WELCOME NEW MEMBERS

Tom Arnold	Nick Flagg
Steve Paxton	Butch Foley
Martin Harvey	Marwan Nusair
Ott Schnellenberger	John Yourtee



Help welcome guest and new members. Our name tags are color coded for ease of recognition.

All members are BLACK print, significant others are BLUE, speaker is PURPLE, new members are GREEN and guest are RED.

Please make an effort to find these folks and make them feel welcome.

RESC Lifetime Achievement Award Lee Hite

The Officers and Control Board of RESC, after reviewing the attributes and qualifications of Lee Hite, have determined Lee to be the recipient of the **2010 RESC Lifetime Achievement Award, which will be presented at the May 18 program.** Lee is currently RESC Vice President and Director of Programs. He has demonstrated exceptional service and leadership abilities in the RESC as well as in the Cincinnati community area. A summary of Lee's activities and service will certainly confirm this.



Originally from Wauseon, Ohio, Lee received his BSEE in 1966 graduating with honors from Valparaiso Institute of Technology and is a member of Phi Kappa Tau.

He was employed by the General Radio Company of Concord, Mass. for 28 years. He worked there as Sales Engineer in the Test and Measurement area. He also held positions as Regional Product Specialist, District Manager and Regional Manager. Lee also conducted numerous lecture series for professional groups on computer science, acoustic and vibration and computer assisted printed circuit board testing. In addition, he served on numerous standard committees for the SAE (Society of Automotive Engineers).

He owned and operated an electronic design and manufacturing company for special needs testing in the automotive industry.

Listed below are some of the community activities he is involved with including local governments.

VOLUNTEER ACTIVITIES

RESC, Control Board Member since year 2000, design and maintains the web site and provides photography for tours and monthly meetings. Organizes and prepares articles and photographs for the Newsletter.

911 Safety Software, 2001- 2009, he designed and donated a large software program valued in excess of \$500,000 to Miami Township, Goshen Township and the City of Milford called "Look-It-Up". The program is installed on police cars, ambulances and fire trucks. It assists first responders to answer a 911 call faster, safer and more accurately.

He has conducted a Lightning Safety Continuing Professional Development Program free of charge for the past 17 years. He is Co-founder of the Clermont County Citizen Emergency Response Team, CERT. He does web site design and maintenance for numerous non-profit organizations. He has been Trustee for the Home Owner Assn for the past 12 years and is past president of the Miami Township Citizen Police Academy Alumni Assn. He is past president of Clermont County Citizen Corps and was a FEMA Volunteer for the three hurricanes that hit Florida in 2004, and an Amateur Radio Operator since 1952.

AWARDS

He received an Innovative Technology Award from General Motors Corporation, a Safety & Justice Award in 2009 from Clermont 20/20 Salute To Leaders, a Police Appreciation and Achievement Award in 2006 from the Clermont County Police Chiefs' and Sheriff's Assn, a Commendation of Public Service Citizen Award in 2006 from the Board of Clermont County Commissioners, a Good Neighbor Award in 2005 from Miami Township in Clermont County, and the Golden Paws Award in 2007 from Save the Animals Foundation.

THANK YOU TO THE APRIL PROGRAM SPEAKERS

RESC thanks the April program speakers pictured left to right, Ms. Siobhán Pritchard with Dovetail Solar and Wind, Jack Clock from Green Energy Ohio and Amy Kaspar from the Greater Cincinnati Energy Alliance for an informative program.



The presentation included the successful application of Green Energy and the implementation of many renewable energy installations in Ohio, including a review of the 20 sites that were in the 2009 Ohio Solar Tour. Details were presented for the installation of the new megawatt solar farm being constructed near Dayton, Ohio.

Green Energy Ohio has been instrumental in supporting the efforts of Cincinnati State College and 22 other community colleges in Ohio in the development of a degree based Green Energy program.

Dovetail provides design and installation of solar and wind electric systems, and the building of photovoltaic arrays and solar thermal hot water systems. GCEA offers assistance with energy audits, retrofit services, education and financing to residences and non-profits in the Greater Cincinnati area.

FUTURE PROGRAMS 2010 – 2011 SEASON

OCTOBER Local Inventors (by Linda Kocis of the Public Library of Cincinnati & Hamilton Co)

NOVEMBER Small Nuclear Power Generators (panel led by member Bob Siegfried)

DECEMBER New Orleans Jazz (3-piece from Bone Voyage group)

ANNOUNCEMENTS

THANK YOU TO THE OUTGOING PRESIDENT, BOB HAAS



RESC thanks Bob Haas for a very successful year for the organization. Although retiring from the office of President, his duties are not done. As Past President Bob will remain on the control board as a valued advisor and has the responsibility to locate and encourage new people to participate in RESC by becoming a member of the board. If you would like to investigate the possibility of joining the board please see Bob Haas.



Tour of the new solar installation at the Brazee Street Studios

Location: 4426 Brazee Street, Cincinnati, OH 45209

When: May 27, 7:00 pm

Information: Jack Clock, (513) 293-3241, Jack.Clock@greenenergyohio.org



CINCINNATI TECHNOLOGY & EXPO CONFERENCE

Tuesday, May 4, 2010, Duke Energy Center

Attendance at the exhibits is free but there is a charge for the workshops. For more information, please contact: University of Cincinnati, PO Box 210031, Cincinnati, OH 45221 – 0031, Phone: 513-558-1810, Fax: 513-558-0385, univconf@uc.edu

BEST WISHES TO ZAN SMITH

Our current treasurer, Zan Smith, will be leaving us this summer as he and his wife Liz move to the Carolina's. RESC extends a warm thank you for a job very well done. The treasure's position is the most difficult job in all of RESC and Zan has done an outstanding job of dealing will all of the issues necessary to run a successful treasurer's position.

IN REMEMBRANCE Jan Magnus Gisslen 4/21/2010**MEMBERSHIP APPROVES CHANGES**

At the April 20, 2010 regularly scheduled luncheon meeting the membership voted to approve changing the constitution to allow non-retired people to become a member of RESC. To reflect that RESC is not just for retired people, the membership voted to approve a name change for the organization to the Regional Engineers & Scientists of Cincinnati, keeping the acronym RESC.

RESC logo DESIGN CONTEST

Here is a chance to show us your skills. The RESC name change provides us an opportunity for a new logo and with that in mind; we are accepting entries for a design contest. The contest is open to RESC members, their family and friends. Specific contest guidelines can be downloaded from the web site at www.resc.org. While we encourage entries in electronic format we will accept hard copy entries suitable for high quality scanning. Please read all the guidelines for details on the contest. Control Board members and family members are ineligible to enter. Send a self addressed stamped envelope to RESC, 6225 Sweet Briar Ct., Loveland, Oh, 45140, for a hard copy of the rules or pick one up at the May Luncheon.

TWO RESC MEMBERS ARE TREATED TO LUNCH PROGRAM AND TOUR OF LLANFAIR CAMPUS

Bob Haas and Gene Gardner visited Llanfair, the home of RESC member Marion Brant, and enjoyed a program on state-of-the-art Military Robots, and then took a mini-tour of their buildings. Llanfair has extended an invitation to have a luncheon-program at their facility. Likewise, Llanfair residents are invited to attend the "Global Warming" program scheduled for May 18 at Evergreen.

OHIO P.E. CPD CREDITS

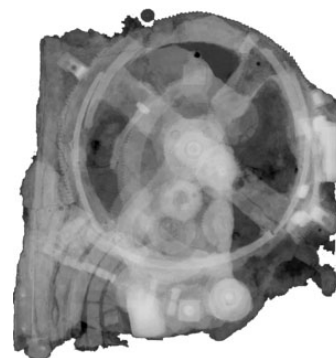
Visit www.resc.org for additional Ohio P. E. CPD opportunities from IEEE, OSPE, and others.

2,150 YEAR OLD COMPUTER

The Antikythera computing device is the most complex instrument of antiquity. X-rays and advanced photography have uncovered the true complexity of the mysterious Antikythera mechanism, a device so astonishing that its discovery is like finding a functional Buick in medieval Europe.



In 1900, divers found the wreck of a Roman vessel off the Greek island of Antikythera. Among the other treasures remanded to the Greek government was an unassuming corroded lump. Some time later, the lump fell apart, revealing a damaged machine of unknown purpose, with some large gears and many smaller cogs, plus a few engraved words in Greek. Early studies suggested it was some type of astronomical time-keeping device.



The true genius of the mechanism goes beyond even the complex calculations and craftsmanship of a mechanical calendar. For example, the ancients didn't know that the moon has an elliptical orbit, so they didn't know why it sometimes slowed or sped up as it moved through the zodiac. The mechanism's creator used epicyclical gears, also known as planetary gears, with a "pin-and-slot" mechanism that mimicked this apparent shifting in the moon's movement. This use of epicyclical gears is far ahead of what anyone suspected ancient technology was capable of. Scientific American has a two-part video about the mechanism and the imaging techniques used in the research. Visit: <http://www.scientificamerican.com/video.cfm?lineup=1406165298&id=52209781001>

LUNCHEON RESERVATIONS

Mail Label

Zan Smith
 PO Box 30346
 Cincinnati, OH 45230

**Please make sure ALL lunch reservations
 are received on or BEFORE Thursday, May 13th**

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RESC Dues & Luncheon Reservation Form				MENU		
Make check payable to "RESC" and Mail to the Treasurer: ALL reservations must be received on or Before Thursday, May 13th				Marco Polo Fresh green salad with two dressings Hot rolls and butter Cheese cake slice Beverages Complimentary wine will be available		
Date of luncheon		May 18, 2010				
LUNCH	Member name		\$13.00			
	Prospective Member		*\$13.00			
	Guest Name		\$13.00			
	Ohio P.E. Name**		\$13.00			
DUES ANNUAL Payable by Oct 2009	New Members \$7.50 after Feb.		\$15.00			
	Golf		\$ 5.00			
*No charge when attending the first meeting and sponsored by a member			TOTAL		TREASURER Zan Smith PO Box 30346 Cincinnati, OH 45230 Ph: 513-520-4338	
Ohio P.E. Registration Number		CPD Certificate (Y/N)				
**Continuing education certificate included with the \$13.00 lunch cost.						
Please list any CHANGE to your email, personal address, or phone number.						
----- cut line -----						

**SAVE A STAMP, REGISTER ONLINE FOR LUNCH**

For those of you who prefer to write a check and mail in your reservation form, nothing has changed. However, if you already pay your bills online using the "Bill-Pay" from your bank, you can use that same method to pay for your lunch reservations. It's a two step process.

First, go to the RESC web site www.resc.org and complete the "E-mail Reservation Form" located on the home page. This will send your lunch reservation to the treasurer via email. You will receive an email confirmation, if not, please call the treasurer directly. Zan Smith, Ph 513-520-4338

Secondly, using your online bill-pay feature from your bank, send the lunch reservation money to the treasurer. Send to: **Zan Smith – RESC, PO Box 30346, Cincinnati, OH 45230.**



HELP, YOUR TREASURER is being inundated with "pay-at-the door" reservations. While this is convenient for the members, it creates difficulties for the treasurer. Please pay at the door only in extraordinary cases, not as a routine method of payment. A bank draft or personal check mailed to the PO Box is preferred. Thank you.

2010-2011 RESC CONTROL BOARD

Office/Committee	Officer/Chair	Office/Committee	Officer/Chair
President	Lee Hite	Programs	Gene Gardner
Past President	Robert Haas	Audio-Visual Support	Homer Buescher
Vice-President	Gene Gardner	Historian	Joe Rave
Secretary	Joe Rave	Golf Activities	Dick Hertzig Enos Hayes
Treasurer	Jim Bohren	Hospitality & Health Watch	Robert Siegfried
Consultant	Frank Adams	Luncheon Menu	Robert Siegfried
Continuing Education Professional Development	Harold Rice	Membership/Publicity	George Gore
Newsletter Editor	Bill Lohner Howard Heineke	Tour Director	John Gilman
		Web Site	Lee Hite

Newsletter comments or questions to editor@resc.org

**“And in the end it's not the years in your life that count.
It is the life in your years”. Abraham Lincoln**

RESC NEWSLETTER
10266 Kingsport Drive
Cincinnati, OH 45241