



IEEE MINI CONDUCTOR

Dayton Section Mtg

Tue Apr 14, 6:30 – 8:30 PM

The Dayton Section meeting will be held at

WSU Kettering Center 

Next to Engineer's Club on Monument St. Downtown

Free Parking

Please attend!! We need inputs for this year's activities

Just Show Up! All Welcome

Miami Valley Consultants Network

2nd Friday of each month
11:30am at the Engineer's Club.
Please RSVP 937-228-2148.

We will discuss topics that will help members market, sell & complete consulting assignments.

<http://members.aol.com/mvohconsultants/>

Go Team!!

A Wright State University undergraduate Student Paper team will be representing IEEE Dayton Section at IEEE Region 2 student paper contest, being held in Youngstown, Ohio on April 18 & 19. The team is from Joseph Mertz, Yang Xu, and Mike George. Dr. Kuldip Rattan is the team's academic advisor, supervising their research entitled, "Design of an Intelligent Autonomous Lawnmower". We wish them much success in the coming week at the Regional Contest!



IEEE AWARDS BANQUET

Sat. April 25th, 2009

The 2009 IEEE Dayton Section Awards Banquet will be at the Charity Early Auditorium in Sinclair's Ponitz Center on April 25 (Saturday) Chapter Seminar Speakers / science fair displays start at 5:00pm.



Dinner is at 7:00pm, followed by the keynote and awards program. The new format for the IEEE Awards Banquet will enable each IEEE Dayton Chapter to meet before the Banquet dinner, and to present upcoming activities to the Section.

Watch the Web for Ticket Prices

Keynote's speakers theme

"Biophotonics and Hybrid InfoSystems"

a state-of-the-art technology presentation

RSVP to Dave Perez: Tel (W) 937 522 6192
david.c.perez@gmail.com cell 307-8954

* CONGRATULATE AWARD WINNERS *

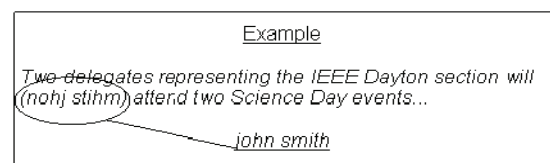
* VISIT WITH FRIENDS * NETWORK *

\$ 10⁰⁰

\$ CASH PRIZES!!! \$

NEW WINNER EVERY MONTH !!!

1. Find the hidden name in the Dayton IEEE newsletter.
2. Unscramble it.
3. If it's yours you win!



Call or email to claim your prize!

email: sangreg@cedarville.edu phone: 937.766.7739

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Networking at Conferences Amid rough economic seas, it's important to network so that when you find yourself on a sinking ship or have been forced to walk the gangplank you have access to other vessels. A Forbes Magazine article reminds people of the value of attending a professional conference and offers some pointers for making the most of the experience. It suggests putting together a 30-second "elevator pitch" that effectively communicates who you are and piques a listener's interest without monopolizing his or her time. Joining conference committees is a good way to meet people because it forces you to contact potential speakers to ask them to deliver talks or to simply join the organization.

Read on at: <http://www.forbes.com/2009/03/24/conference-job-seeking-leadership-careers-networking.html>

Chairman's Corner



Dr. Robert Ewing

We would like to thank the volunteers from Wright State University and the Air Force Institute of Technology for developing the IEEE booth for TechFest 2009 that was held at Sinclair Community College in February in conjunction with the Affiliate Societies Council (ASC) of Dayton. Likewise, our thanks to our IEEE Section delegates, led by Rayg Chnly, who selected student projects from the Montgomery County Science Fair and the Western District Science Day. These students and volunteers will be recognized at our IEEE Dayton Section Awards Banquet.

On Saturday, March 28, the IEEE Dayton Section Student Paper Contest was held at Wright State University. Dr. Charles Cerny, chaired the Student Paper Contest. We had nine student presentations, representing both undergraduate and graduate research. All presentations were excellent, representing cutting edge research. These presentations will be recognized at our IEEE Dayton Section Banquet. The IEEE Dayton Section Student Paper Contest represents an increasing importance of innovative technology for the Dayton region. Universities, government and industry are responding as seen by the increased representation of contestants for this year! Likewise, the IEEE Dayton Section is responding to the uphill knowledge trend and the regional collaboration that is needed between undergraduate institutes to address the new frontier of integrated systems, devices, and energy technology, by sending our undergraduate team of winners to the IEEE Region 2 student paper contest, being held in Youngstown, Ohio on April 18 & 19. The selected IEEE undergraduate team members representing our IEEE Dayton Section are Joseph Mertz, Yang Xu, and Mike George. The team is from Wright State University. Dr. Kuldeep Rattan is the team's academic advisor, supervising their research entitled, "Design of an Intelligent Autonomous Lawnmower". We wish them much success in the coming week at the Regional Contest!

The world is moving towards higher technology, which Dayton has been leading in many areas for the last century, but are we continuing this trend? Our new IEEE Student Activities Chair, Barbara Frantom and myself, are organizing an IEEE Dayton Section High School Innovation Contest with local high schools for the upcoming Fall to address this issue with our high schools. This high school IEEE contest will be in the area of "Signal of Opportunity" using sound or acoustic signals. Our section will provide equipment and research funds to selected school teams. Volunteers are welcomed! More details will be provided in the next several months. Likewise, at our IEEE Dayton Section Banquet, all of our IEEE Dayton Chapters will be giving an overview of their research focus and student activities. Our hope is that the IEEE Dayton Chapters will work with the high school students as mentors and our recent Science Day winners will move their talents to our High School Innovation Contest. We (our IEEE Dayton Section Committee) are looking ahead, but we need volunteers for this endeavor.


IEEE Dayton Section Banquet 2009 on April 25 at the Charity Early Auditorium in Sinclair's Ponitz Center starting at 5:00pm – Currently, individual IEEE chapters have invited guest speakers. This is good, but we need to take these events to the next level. As indicated in the recent survey, many of you are very interested in this type of forum, with state-of-the-art technology presentations. We will begin this for our IEEE Banquet, with the keynote's speakers theme – "Biophotonics and Hybrid InfoSystems".

Please join us on Saturday, 25 April at Sinclair's Ponitz Center for an IEEE Dayton Section and Chapter Banquet recognizing our IEEE Dayton Section award winners, student chapters and Science Day winners.

Robert Ewing, Chairman



IEEE DAYTON SECTION STUDENT CONTEST PRESENTATIONS

- Calibration Using Pinhole Model Camera – Donald Mclemore, Jr., Wright State University
- Algorithm Selection for Image Fusion: Use of a Surrogate Classifier Performance Predictor- Priya Ganapathy and Julie A. Skipper, Wright State University
- Computer Engineering Team Description of the Autonomous Lawnmower—Benjamin McDo-
nie, David Moore, and Matthew Garing, Wright State University
- Frequency Tunable Microstrip Patch Antenna using Ferroelectric Thin Film Varactor - Hai Ji-
ang, Mark Patterson, Chenhao Zhang, and Guru Subramanyam, University of Dayton
- Design of an Intelligent Autonomous Lawnmower-Joseph Mertz, Yang Xu and Mike George,
Wright State University
- Input-Output Function Approximation for Near Optimal Trajectory Generation- Alan Jennings
and Raul Ordonez, University of Dayton
- Distance to Targets, Pseudo-Satellites-Michael McGrath, Ohio State University 
- Mechanical Design of an Autonomous Lawnmower- Jonathan Sargent, Mark Dieringer, Scott
Lang, James Heidenreich, and John Caldwell –Wright State University

Prefer to get the mailed version of the Mini? Contact Bob Cooper 298-2062 or Bobc9101@sbcglobal.net

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