



THE JULY 2007 IEEE NEW HAMPSHIRE SECTION NEWSLETTER

Chairman's Thoughts

By Tom Perkins

tomperkins@ieee.org



As I write this, I'm in the midst of busyness, or business, not sure which. Just returned from Hawaii - the IEEE International Microwave Symposium - getting ready for ARRL ham radio Field Day - vacation in July - the IEEE NH Section annual cruise on July 21 -

Civil Air Patrol Northeast Region Convention at USMA West Point - and IEEE Board of Governors the following weekend in Burlington VT - planning for the NH Joint Engineering Societies Conference on Oct. 11. Whew! And things are heating up at work.

Also, I just learned that our 2006 / 2007 Region 1 Director - Professor / Dr. / Colonel Barry Shoop will be the speaker at our annual banquet, scheduled for 6:00 PM on November 1 at the Yard Restaurant. Mark your calendars, as it promises to be an outstanding event.

I'm looking forward to meeting many of you on the Mt. Washington cruise on Saturday, July 21.

If you have any topics that you think should be discussed at next month's Ex Com meeting, nor-

mally held on the second Thursday of the month, or if you want to discuss any other topic, please feel free to contact me. I would enjoy hearing from you.

From the Editor

By Jim Anderson

james-w-anderson@ieee.org



IEEE HQ Staff

I am sure that all of you, like me, have sometimes (many times?) grumbled about all the bureaucrats that we have to deal with at work, the Post Office, the IRS, Health Insurance carriers, etc.

Well I would like to share with you some recent positive incidents that I have had dealing with the IEEE HQ staff. Just last week I encountered an apparent problem with a staff member. At 9:11 PM I sent a message to Cecelia Jankowski, the Managing Director, IEEE Regional Activities Board, and I expected that I might get a response in a day or two from one of her staff. Much to my surprise I got a response from her at 11:56 PM that very night, and we exchanged several messages until 12:42 AM.

Now you might think that was just a fluke. Not so! Several months ago I wanted to send some in-

formation to Dr. Moshe Kam, Vice President for Educational Activities, but I couldn't find his email address, so I sent an email to Marilyn G. Catis, New Product Development Manager, IEEE Educational Activities at 9:54 PM, and to my surprise I received a response at 11:28 PM. When I complimented her on her dedication, she mentioned that she was getting ready to go on maternity leave and was tying up loose ends before she left.

A couple of months earlier I had sent an email message to IEEE HQ on a Saturday morning and received a response by noon time. Unfortunately I was not able to find my emails documenting the name of yet another staff member who was giving service above and beyond the call of duty.



Member Nominated

The chairman of our Computer Society Chapter, Professor Jim Isaak of Southern New Hampshire University at Manchester, is one of two nominees for the 2008 President Elect of the Computer Society.

Please contact me if you have any comments about, or suggestions for, the newsletter.

In This Issue

Chairman's Thoughts



Tom Perkins tells us about his hectic schedule, announces the speaker for our annual meeting, and invites you to attend the July 21st cruise on Lake Winnepesaukee. (Page 1)

From the Editor



Jim Anderson recounts some outstanding examples of service above and beyond the call of duty that he experienced recently dealing with the IEEE HQ staff. He also provides an update on Jim Isaak. (Page 1)

Summer Cruise - Just a Few Tickets Still Available!



Don Sherwood reminds us about the July 21st cruise on Lake Winnepesaukee. There are still a few tickets available so register as soon as possible. (Page 3)

IEEE Polo Shirts



Don Sherwood announces the availability of navy blue polo shirts designed exclusively for the NH Section. These will look really cool on the Cruise and they are a great way to promote the section at work or at school. There are men's and women's styles. (Page 3)

New Senior Member!



We have just been notified that Stoney Worster has been elevated to a Senior Member of the IEEE. Only about 8% of the IEEE's 375,000 members worldwide have achieved this level of membership. (Page 4)

2007 Young Engineer Award



Dean Bacon, Awards Committee Chairman, reminds us about the call for nominations for the Section's 2007 Outstanding Young Engineer Award for engineers 35 or younger as of January 1, 2007. Nomination deadline is October 10, 2007. (Page 4)

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IEEE Women in Engineering
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NH Joint Engineering Societies



A reminder about the all day conference on Thursday, October 11, 2007 at the Executive Court Banquet Facility of The Yard Seafood and Steak House in Manchester. (Page 6)

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Brain Teaser Challenge



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Summer Cruise - Just a Few Tickets Still Available!

By Don Sherwood
donsherwood@ieee.org



The IEEE New Hampshire Section's 2007 Summer Cruise is setting sail from Weirs Beach, NH at 12:30 pm on Saturday, July 21, 2007.

Pricing: \$20 each for IEEE NH Section member and immediate family/significant other, \$10 each for children 4 to 12 (\$65 per family maximum), and \$40 each for all others.

Ticket price includes: 2½ hour cruise on Lake Winnepesaukee; Private, air-conditioned dining room; and Dinner buffet and cash bar.

For driving directions go to <http://www.cruisenh.com/2006/about/directions.html>

RSVP: NHIEEE@aol.com ASAP to get one of the few remaining reservations.

Mail Payments to Donna Davis, NH Section Administrative Assistant, 34 Cohas Drive, Auburn, NH 03032. Make Checks payable to IEEE-NH Section.

Please include with your payment: Your Name, IEEE membership number, email address, Number of guests with their names.

IEEE Polo Shirts

By Don Sherwood
donsherwood@ieee.org



I'm writing this article on the hottest day of the year so far, 96° F. After a flurry of emails back and forth, the Ex Com has voted to offer polo shirts for sale to all Section members. These shirts will have IEEE NH Section and the IEEE logo embroidered on the front as shown below. So, what does this have to do with the heat? Well, I have the catalog in front of me and I'm looking for the coolest fabric to suggest to the committee.



We selected a local embroidery company to supply the shirts. They offer high quality shirts at a significant discount over national companies. They use state of the art, computer controlled multi-head stitching machines to produce fine quality embroidered products. The section is picking up the one time embroidery set up charge. The shirts will be sold at our cost, with no profit. The shirt color will be navy blue with

white lettering. The cost is \$22.00.



Similar Shirt With Logo



Actual Men's and Women's Style Shirts

Again the shirts will be Navy Blue. The fabric is 97% Pima cotton and 3% Lycra.

We are trying to have the first lot of shirts available for the boat cruise. If you're interested in getting in on the initial order, email me your size and indicate whether you want the men's or

women's style. Send your check for the shirts to Donna Davis at 34 Cohas Drive, Auburn, NH 03032. Make checks payable to IEEE-NH Section.

The shirts will look really cool on the Cruise and they are a great way to promote the section at work or at school.

New Senior Member



Stoney Worster was just elevated to an IEEE Senior Member. He has been a member of IEEE for 41 years and has had a widely varied career in heavy construction and electrical utility work. He has an Associate Degree in Nuclear

Engineering from Wentworth Institute, BSEE from the University of Maine, an MBA from New Hampshire College and is a Registered Engineer in New Hampshire. He worked for ALCOA for four years and has worked for PSNH for thirty four years. His wife Jean also graduated from the University of Maine as an electrical engineer.

Stoney started with PSNH in Nashua as a Distribution Engineer. He worked on the Seabrook Project as Project Engineer, Construction Supervisor and finally as Facilities Manager. In 1987 he transferred into the Production Division to work on the new electrostatic precipitator at Merrimack Station Unit 1, first as Project Engineer and later as Project Manager. From 1990 on he worked on a number of projects including the sale of Schiller #3 Turbine and the preparation for the sale of PSNH generation assets. When events led to PSNH retaining the assets, Stoney went to the Hydro Department for four years. He then transferred to

his present position on the fossil side as a Senior Engineer at Newington Station, a 400 MW oil or gas fired unit and did some consulting work on the wood fired boiler at Schiller.

2007 Young Engineer Award

By Dean Bacon
bacondl@NU.COM



The IEEE NH Section Outstanding Young Engineer Award was established to recognize engineers 35 years of age or under for outstanding contributions in the leadership of technical society activities, leadership in community and humanitarian activities, and evidence of

technical competence through significant engineering achievements.

The award, administered by the NH Section Awards Committee, is presented annually at the IEEE NH Section Annual Meeting. The recipient receives a plaque, and has the privilege of designating a college or university to receive a \$500.00 scholarship to be granted to an undergraduate who is a member of the school's IEEE Student Branch.

To be eligible for the award, an individual must be 35 years of age or under on January 1 of the presentation year (January 1, 2007 for this year's award), and have been a full member of the IEEE NH Section for at least one year. Nominations can be made by any NH Section member.

Factors to be considered for selection include: local IEEE activities and leadership, professional society activities, evidence of technical competence and achievement, community and humani-

tarian activities, educational achievements, and professional registration.

The recipient of this award will be recognized at the IEEE NH Section Annual Banquet in November 2007.

Nominations must be emailed to NHIEEE@aol.com no later than Wednesday, October 10, 2007.

Chapter and Group News

IEEE Women in Engineering

www.ieee.org/women

Women In Engineering

By Jennifer Ng Ain Kin
jng@ieee.org



IEEE Women in Engineering (WIE) is dedicated to important issues for Women Engineers. Affinity groups provide the opportunity for members to network at a local level. All members are encouraged to join and participate in their local group activities to promote growth within the WIE.

WIE NH Activities

We have quite a few events coming up and here are some of the details:

July 16 [\[link\]](#)- joint event with [SWE Society of Women Engineers](#) - [Anheuser-Busch Merrimack Brewery Behind The Scenes Tour](#) sponsored by [Anheuser-Busch](#) **FULL**

August 26 [\[link\]](#) - [Afternoon Tea at AntiquiTeas, Londonderry, NH](#) - sponsored by [IEEE WIE NH](#)

September 19 [[link](#)] - joint event with **SWE Society of Women Engineers - Financial Seminar: Strong Women, Powerful Financial Strategies** given by Ameriprise Financial - Bedford, NH, co-sponsored by WIE NH and SWE NH

November 2 [[link](#)] - **2007 FIRST Women in Science & Technology (WIST) Forum** sponsored by FIRST (For Inspiration and Recognition of Science and Technology)

For the complete list of events (and details on each event above), go to the WIE NH website at <http://www.ieee.org/go/nhwie> - select Events then the specific [[link](#)] to the event.

If you are interested in participating in any of the WIE activities above (or joining WIE - only \$25/year, free for Life Members and Student Members!!! Join TODAY), please contact one of the following people:

Chair: Jennifer Ng jng@ieee.org
Vice-Chair: Liberty Gunter
Liberty.Gunter@baesystems.com
Secretary: Fan Gu gu.fan@ieee.org
Or all three of us nhwie-excom@ieee.org

CALL FOR ARTICLES: IEEE WOMEN IN ENGINEERING MAGAZINE

Articles are now being accepted for the new IEEE WOMEN IN ENGINEERING MAGAZINE, scheduled to debut in August 2007. The publication will promote the mission of Women in Engineering - "To Inspire, Engage, Encourage and Empower IEEE Women Worldwide" - through articles that integrate engineering with current issues facing society and interdisciplinary technologies, including medicine, law, governance and international women's issues.

Authors are invited to submit papers on a variety of topics including engineering careers, career guidance, profiles and current events involving technology. Authors whose articles are selected will receive a \$50 to \$100 honorarium. Articles should be submitted to wie-research@ieee.org. For more information and guidelines regarding topics and submissions, visit <http://www.ieee.org/portal/pages/committee/women/callforarticles.html>.

Contact Information for Other Chapters



Computer Society

The IT Seminar series will resume in September with an additional sponsor: our new Student Chapter at NHCTC-Nashua. The seminars will alternate between Lunch events at NHCTC and evenings at SNHU once a month on Tuesday. Contact Jim Isaak at: EIEE2007@JimIsaak.com with speaker suggestions. For access to previous presentations go to: http://acadwb.snhu.edu/Isaak_James/ITseminars/index.htm



Engineering in Medicine and Biology Society

By Wayne Smith

If you have any suggestions for meeting topics or speakers; or if you would like to become active in the Chapter please contact me at: wjsmith@cisunix.unh.edu



Microwave Theory and Techniques Society

By Tom Perkins

If you have any suggestions for meeting topics or speakers; or if you would like to become active in the Chapter please contact me at: tomperkin@ieee.org



Power Electronics Society

By Chuck Button

If you have any suggestions for meeting topics or speakers; or if you would like to become active in the Chapter please contact me at: chuckbutton@ieee.org



Power Engineering Society

By Paul Krell

If you have any suggestions for meeting topics or speakers; or if you would like to become active in the Chapter please contact me at: krell@unitil.com

Other Articles

Power Engineering Society Survey

By Jim Anderson

james-w-anderson@ieee.org

As a member of the Power Engineering Society I received an invitation to take a survey concerning the society and was asked to pass the link on to others. There were actually three surveys; one for society members, one for non-members, and one for students. Please go to <http://www.pessurvey.->



com and help determine the future course of the society.

AESS Web-based Tutorial Program



By Jim Anderson

james-w-anderson@ieee.org

In the February 2007 newsletter, Bob O'Donnell, Vice President for Education, of the IEEE Aerospace and Electronic Systems Society (AESS), wrote an article about this innovative program that he was

launching for the AESS.



At the June Ex Com meeting Bob used the technology that he had assembled to give an audio video report on his progress to date and his future plans. The AESS

has provided additional funding to continue the program through 2008.

To see the PowerPoint portion of his presentation go to: http://www.ewh.ieee.org/r1/new_hampshire/Docs/NH_Section_MTG.ppt The presentation lists the equipment, software, cost, and time necessary to prepare a tutorial. Note, the time does not include the preparation of the material to be presented, which is the hard part.

Bob has prepared a tutorial on the use of the

Camtasia software at <http://css.sr.unh.edu/aess/> You can also download a 30 day trial copy of the software from that website.

While I was watching Bob's presentation it became apparent to me that this technology could be used by a much larger audience than Bob is directly targeting. I can see this being used in pre-university education. A master teacher or an outside resource person could prepare a tutorial, or show an experiment that could not be done in the classroom due to equipment limitations or safety concerns. It could also be used to bring the classroom to a homebound student.

I am also sure that it could be used for employee training in small to medium sized companies that do not have professional training departments. It might also be useful for departmental training in a large corporation where there might be a short term training need or the funding might not be available to involve the training department.

NH Joint Engineering Societies



**Save the Date:
Thurs Oct. 11, 2007**

The NH Joint Engineering Societies are proud to present the 1st Annual Joint Engineering Society Conference.

The conference will be held at the Executive Banquet Facility of The Yard Seafood and Steak House in Manchester, NH.

The theme of the conference is "Dropping the Borders of Engineering".

The schedule of events is as follows:

7:30-8:00: Coffee/Registration

8:30-8:45: Opening Address

8:45-10:15: Session #1 (1.50 pdh) "Team Building" by Deb Titus of Dale Carnegie

10:15-10:30: Break

10:30-12:00: Session #2 (1.50 pdh) "Knowledge Management" by Daniel Saroff of BAE Systems

12:00-1:00: Lunch "Students w/o Borders" by Eric Reitter of CMA Engineers

1:00-2:00: Session #3 (1.00 pdh) OEM / Disaster Response by Dr. Louis Klotz PhD, PE, President of Klotz Consultants Group

2:15-3:15: Session #4 (1.00 pdh) "Technology and Society" by Prof. Ron Sandler of Northeastern University

3:15-3:30: Break

3:30-4:30: Session #5 (1.00 pdh) "Selling for Non-Sales Professionals" by Judy Carlough of Sandler Sales Institute

Conference registration fee is \$80.00 for members of the sponsoring societies [American Society of Civil Engineers (ASCE), Institute of Electrical and Electronics Engineers (IEEE), New Hampshire Society of Professional Engineers (NHSPE), and the Structural Engineers of New Hampshire (SENH)] and \$100.00 for all others. Registration forms will be available in late August or early September.

The following Corporate Sponsorships are available:

continued

Conference (adds in conference flier)

Platinum (\$2,500) - includes up to 5 participants, full page add, and preferred banner placement

Gold (\$500) - includes up to 2 participants and half page add

Silver (\$350) - includes up to 1 participant and quarter page add

Bronze (\$200) - includes business card add

Breaks and Lunch (sponsor table cards at event)

Breakfast (\$250)
AM Coffee (\$250)
Lunch (\$400)
PM Coffee (\$250)

For more sponsorship information contact: programs@nhspe.org

Membership Activities Senior Member Campaign

By *Stuart MacPherson*
nhieee-membership@ieee.org



The NH Section kicked off its latest Senior Membership Elevation Campaign in March 2007 and since then we have helped several more members attain Senior Member status. Only about 8% of all IEEE members worldwide attained this level. We have had articles on the newly elevated Senior Members in the March, May and June newsletters and we hope to have some more articles in the July newsletter. Please go to: http://www.ewh.ieee.org/r1/new_hampshire/newsletters.html for the current and past newslet-

ters.

So what can your Section offer with regards to your Senior Member elevation? Well, based on your eligibility, the Section can nominate you and thereby decrease the required number of references from 3 to 2 and can also provide you with a short list of IEEE Senior / Fellow members who have volunteered to provide references.

How to start? Go to:

http://www.ewh.ieee.org/r1/new_hampshire/sm.html to review the requirements and items that you need to send to us (nhieee-membership@ieee.org).

Members of the Membership Development Committee are:

James Anderson james-w-anderson@ieee.org
Tom Perkins tomperkins@ieee.org
Duncan Morrill d.morrill@ieee.org
Jennifer Ng jng@ieee.org
Stuart MacPherson
stuart.macpherson@comcast.net

Sincerely
Stuart MacPherson,
NH Section Membership Development Chair

Brain Teaser Challenge

By *Butch Shadwell*



Last Month's Solution

Last month I mentioned that I was going to the International Science and Engineering Fair in Albuquerque. It was an amazing experience. 1520 brilliant kids from around the world, it made me feel like there was great hope for

the future. As I was short of time I decided to take it easy on you and just ask a few simple questions, "Do you know what a "flux capacitor", a "boxcar circuit", and a "warp coil" do?"

Two of these items were fictitious and belong to an imaginary future. If you've been to any of the "Back to the Future" movies, you will know that the flux capacitor is the invention of Dr. Emmett Brown. Though its function is never made clear, it seems to have been a key component of Dr. Brown's time travel machine. And of course Star Trek fans will recognize the "warp coil". More than any other sci-fi entertainment, the Star Trek writers tried to describe an actual theory of operation for their technologic inventions. These warp coils conduct some sort of high energy plasma and cause distortion of spacetime. I don't know why I never thought of that.

The "boxcar circuit" is something from the old days in radar. Sometimes called a boxcar integrator, it was a kind of sample and hold circuit. It would retain the signal strength voltage from the last return pulse, in order to keep the AGC (automatic gain control) in the correct range for the next return pulse. But I bet you already knew

that. I received a lot of correct responses to this BTC. When that happens with this sort of question, I'm not sure who to credit, the writer of the email or Google.

This Month's Challenge

Some of you know that I work as an independent consultant in applied physics and electronics. My clients are mostly companies that have an idea for a new product but aren't quite sure how to make one. I get to solve the hard problems.

I've been working on a device that must save all of its operating parameters in EEPROM memory whenever it is powered down. I have an input to the microcontroller that drops immediately when the power supply line is interrupted, in order to signal the beginning of this data transfer. The controller circuitry will continue to operate on the energy stored in the power supply filter capacitors. The system is powered from a 12 vdc supply. I have 100 uF on the input to the voltage regulator and I have 100 uF on the output of the voltage regulator. The microcontroller circuitry normally runs on 5 vdc. If this circuitry pulls a total of 20 mA, and the controller and EEPROM memory stop working at 2.5 vdc, how much time do we have to complete the data transfer to EEPROM? For this problem we will assume that the regulator uses zero current for itself, and has a drop out voltage of zero. This means that the regulator will continue to pass current to the load without resistance, as the input drops below 5 vdc. Also assume that the load current does not change, all the way down to the point where it stops functioning. This could be a little tricky.

Reply to Butch Shadwell at b.shadwell@ieee.org (email), 904-223-4510 (fax), 904-223-4465 (v), 3308 Queen Palm Dr., Jacksonville, FL 32250-

2328. (<http://www.shadtechserv.com>) The names of correct respondents may be mentioned in the solution column.

Other Meetings of Interest

Please let me know if you are aware of other meetings that might be of interest to our members. We each belong to different societies, read different publications, work in different industries, and surf different web sites. So if you see any interesting meetings or conferences please send me the notice or the URL.

To keep the list manageable I have limited it to meetings in North America during the next six months.

Jim Anderson james-w-anderson@ieee.org

July 8 - 11, 2007

Info-CyberEthics 2007
Orlando, Florida
<http://www.iiis-cyber.org/wmsci2007/website/Info-CyberEthics.asp>

July 12 - 15, 2007

5th International Conf. on Politics and Information Systems, Technologies and Applications (PISTA 2007)
Orlando, Florida
<http://www.cyber-inf.org/imsci2007/website/default.asp?vc=4>

July 12 - 15, 2007

The 2nd International Symposium on Knowledge Communication and Peer Reviewing: KCPR 2007
Orlando, Florida
<http://www.info-cyber.org/kcpr2007/Website/default.asp?vc=16>

August 3 - 5, 2007

IEEE Conf. on the History of Electric Power
New Jersey Institute of Technology, Newark, NJ
http://www.ieee.org/web/aboutus/history_center/conferences/che2007/index.html

August 21 - 23, 2007

INTERNATIONAL MILITARY & AEROSPACE / AVIONICS COTS CONF., EXHIBITION & SEMINARS
MARRIOTT CLEVELAND DOWNTOWN
http://cotsconference.home.att.net/index_files/Page386.htm

August 26 - 31, 2007

Joint IEEE 8th Conf. on Human Factors and Power Plants with the 13th Workshop on Human Performance / Root Cause / Trending / Operating Experience / Self Assessment
Monterey Marriott Hotel, Monterey, CA
<http://ewh.ieee.org/conf/hfpp/>

September 25, 2007

Economic Strategy for Health Care through Bio and Information Standards and Technologies
NIST, Gaithersburg, Maryland
<http://www.itl.nist.gov/Healthcare/conf/index.htm>

continued

October 4 - 5, 2007

NanoKAP 2007 - The 5th International Conf.
"Nanoimprint Lithography Application in Nanosystems and Nanodevices"
Miami Beach, FL
<http://www.knowledgefoundation.com/>

October 4 - 6, 2007

COMSOL Conference 2007
Marriott in Newton, MA
www.comsol.com/conference2007

October 10 - 12, 2007

IEEE International Workshop on Horizontal Interactive Human-Computer System (Tabletop 2007), Held in conjunction with ACM UIST 2007
Newport, Rhode Island
<http://www.ieeetabletop2007.org/>

October 14 - 17, 2007

IEEE CONF. ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA
VANCOUVER, BRITISH COLUMBIA, CANADA
<http://www.ewh.ieee.org/soc/dei/ceidp/ceidp2007.htm>

October 22 - 24, 2007

The Electrical Insulation Conf. (EIC)
Opryland Hotel, in Nashville, Tennessee
<http://www.deis.nrc.ca/eic2007/eic2007.htm>

October 22 - 24, 2007

3rd International Wireless Internet Conf.
University of Texas at Austin, Thompson Conference Center
<http://wicon.org/>

October 23, 2007

2nd International Workshop on Performance Control in Wireless Sensor Networks
University of Texas at Austin, Thompson Conference Center
<http://www.pwsn.org/>

October 29 - 30, 2007

Lithium Mobile Power 2007
Hilton San Diego Resort, CA
<http://www.knowledgepress.com/events/1221437.htm#Overview>

October 29 - November 2, 2007

High Voltage and Electrical Insulation Conf. Altae07
Holiday Inn Cuernavaca, Morelos, Mexico
http://www.altae07.com/principal_ing.html

November 6 - 7, 2007

Remote Monitoring & Networking / Onsite Power
Radisson Ft. McDowell Resort and Casino, Scottsdale, AZ
http://www.remotemagazine.com/rem07_index.htm

November 14 - 16, 2007

Fuel Cells Durability & Performance
Radisson Miami Biscayne Bay - Miami, FL
<http://www.knowledgepress.com/events/1221448.htm>

November 29 - 30, 2007

Lithium Mobile Power
Hilton San Diego Resort, CA
<http://www.knowledgepress.com/events/1221437.htm>

December 3 - 12, 2007

International Joint e-Conference on Computer, Information, and Systems Sciences, and Engineering
University of Bridgeport, CT
<http://www.cisse2007online.org>

WANTED

Wanted - Photographer

We need one or more volunteers to take photographs at our Section events and meetings. If you can not cover all the events and meetings that is OK. If you are interested to help out, please email the Editor, Jim Anderson, at james-w-anderson@ieee.org

Wanted - Articles on "How I became an engineer."

Was it because you were always interested in taking things apart and putting them back together (with "extra pieces")? Was it by chance? Was it because you come from generations of engineers and this was your destiny? What was it? Please send me, Jim Anderson, (james-w-anderson@ieee.org) your story on how you became interested in Engineering and chose this profession. Every month, we will try to feature an article in the newsletter.

Wanted - Fellow and Senior Members

If you are an IEEE Fellow or a Senior Grade Member, and you are willing to act as a reference for members aspiring to be upgraded to Senior Member status, please contact Stuart MacPherson, Chair of the Membership Development Committee, at nhieee-membership@ieee.org

Questions and Answers

Q: Who are the NH Executive Committee members?

A: The list of all the members and their contact information is found on the section website at http://www.ewh.ieee.org/r1/new_hampshire/Officers.html

Q: Who do I contact about suggestions for the newsletter?

A: The Editor, Jim Anderson, can be reached at james-w-anderson@ieee.org

Q: How can I be removed from the mailing list or update my email address for section news?

A: Send email to the NH Section Administrative Assistant, Donna Davis, at NHIEEE@aol.com

Q: How do I start a new society chapter?

A: Please refer to this site for details on eligibility and requirements: <http://www.ieee.org/portal/pages/tab/cha/newchap.html>

Q: Why can't I read the newsletter on my web browser?

A: Try downloading the latest free version of Adobe Reader 8.0 at http://www.adobe.com/go/gntray_dl_get_reader

Q: Why doesn't the URL http://www.ieee.org/nh_section work?

A: At the present time the URL is case sensitive and you must use http://www.ieee.org/NH_Section. We hope to have this corrected by IEEE shortly.

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