



The Chairman's Corner
Richard D. Beach, Chairman
Connecticut Section, IEEE

I am intentionally going to keep this Chairman's Corner brief. (What a relief they all say !). This will allow more room for Activity announcements this month. I would like to say that the Good News is that the "Computer Society" (Greg Boria) is very active, the "Consultants Network" (Kevin Keegan, 726-1312) is growing, the "Entrepreneurs Network" (Ernie Heidelberg, 226-0936) is picking up speed, activity of the "Career Development Network" (Rick Darveau, 683- 1435) is developing well, we have a new "LEOS" Chairman (Karl Kissa, 769-3023), and the "EMBS"- Engineering in Medicine and Biology Society has a potential Chairman to form a Local Chapter - We need 12 "EMBS" member names (so call Gary Borla 665-6729) or as always call Dick Beach 639-4105 if all else fails.

Now, the Bad News, HELP - we need a Signal Processing Society Chairman since Arye Nehorai has informed us he will not be able to continue, and HELP - we still need a Power Engineering Society Chairman.

I have returned from the REGION 1 Workshop (August 25,26,27) and have been told that all Sections in REGION 1 (22) will have an INTERNET address for a "Home Page" on the "World Wide Web" at NO CHARGE. We (the Executive Committee) will develop our "CONNECTICUT SECTION" home page over the next few months, so stay tuned.

Due to unforeseen circumstances, after our election, an employment opportunity has resulted in our Treasurer no longer being able to serve. Therefore, the Executive Committee has been changed as follows: NEW Treasurer is Brian Kochan, and the NEW Secretary is David Fink.

I hope you all enjoy the coming November & December IEEE activities and Holiday Season.

Your Chairman

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Electronic Versions of the IEEE Connector

We have uploaded the *Connector* to the ARRL electronic bulletin board system. The phone number for this BBS is (203) 666-0578. The file name for this issue is "IEEECT6.TXT". Also, check the HamNet Forum on Compuserve. Search the library for keyword "IEEE". For all you I-NET surfers, soon we may even be on the Internet.

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THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

MEETING NOTICES (PLEASE POST)

Professional Activities Counsel for Engineers (PACE)

Upcoming Meetings of the Connecticut PACE chapter:

1. Thursday, November 9, 1995 @ 7:30 PM A special program titled "Legislative Action" will be featured. This presentation is based on a talk given by Dr. Irvin Gabelman, a distinguished Fellow of the IEEE and long time supporter of the involvement of engineers in the legislative process.
2. Thursday, December 14, 1995 @ 7:30 PM Workshop on "Changing Jobs as a Priority". The workshop will cover selecting the job you want, writing your resume for the job you want, and taking a good interview. Participants are invited to bring their resumes for suggestions for improvements.
3. Thursday, January 18, @ 7:30 PM A special program on ethics in the workplace, and your survival.

Please contact David Fink, Chair of the Professional Activities Counsel for Engineers (PACE) at (203) 325-3344 to register and for directions.

Title: Electric Vehicles - What's Going On?

Date: Wednesday, November 29, 1995

Time: 7:00 PM - 9:00 PM

Location: Northeast Utilities Main Auditorium; Berlin, CT
(See Map on Page 3)

Charge: Free Admission, Non-Members Welcome

Contact: Dick Beach @ (203) 639-4105

Description: Electric vehicles are a hot item in the news right now, appearing on the cover of Business Week and Popular Science, to name a few periodicals. Find out what is "driving" this interest and the status of Zero Emission Vehicle (ZEV) mandates. Find out about the latest technology, the manufactures latest products and possible production plans. Find out about how you will be recharging them at home, at work, or at the mall. Find out about the electrification potential for other vehicles such as off-road and buses. Take a look at (and get a ride in if time permits) a Ford ECOSTAR, and perhaps a Chrysler TE van and solectria FORCE.

The program will be preceded by a short discussion about the future of the Power Engineering Society.

IEEE CT ENTREPRENEURS NETWORK

IEEE CONNECTICUT SECTION

IEEE Connecticut Entrepreneurs' Network

The Network will meet the last Thursday of each month at 7:00 PM, at New Haven Science Park, SNET Building 1, Winchester Room, Division Street, New Haven, CT.

The first meeting took place on September 29, 1995. The CEOs of three hi-tech enterprises described their path to profit and fun!!! The evening was considered very successful by the attendees.

The purpose of the Network is to bring together entrepreneurs, investors, management, and service providers. It provides a forum where engineers interested in starting a business meet with those who know what it takes.

At each meeting, experts speak in depth on subjects of interest to entrepreneurs, such as business plans, raising money, legal aspects of business, finances, alliances, etc.

The topic for the October 26th Activity is "The entrepreneurial Process, An Overview".

Come to the Network:

- Enjoy the learning
- Enjoy the camaraderie
- Enjoy the networking
- Enjoy the opportunity to keep up-to-date and have fun at the same time.

We can do it all...we need more volunteers. Please come forward and join us. We can promise you interesting and challenging assignments.

If you would like to become a member, help the network take shape, and influence its progress, please call Ernie Heidelberg at (203) 226-0936 or send him an e-mail message to: eheidelbe@aol.com.

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THE CAREER CORNER (PLEASE POST)

Career Development Network

The first meeting of the IEEE Career Development network was held on September 12th with a rousing success. Anyone who is looking for a new job is invited to attend. The meetings are held the second and fourth Tuesday of every month at 6:00pm. New topics and speakers are presented at each meeting. The job market is very competitive right now and the issues that are discussed in these sessions are extremely valuable.

Next Meeting: Tuesday, November 14th @ 6:00pm.

Topic: Job hunting techniques for the 90's by Sue Troop. Mrs. Troop has written "Troop's Reemployment Guide" and is an experienced speaker on the subject of job placement opportunities.

Location: L. P. Wilson Community Center in Windsor.

Directions: Exit 35B off of I-91. (This is a dual exit, go all the way to the stoplight at the end of the of ramp.) Proceed West to the first stoplight past the I-91 interchange. Go North on Matianuk Avenue approximately 1/4 mile to the first stop sign. Blue sign on the right marks the L. P. Wilson Center.

Charge: Free admission. Non-members welcome.

Contact: Rick Darveau @ 683-1435 or Dick Beach @ 639-4105.

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Position involves working with advanced based i960 RISC systems, latest CPLDs, most current I/O devices, VMEbus and the PCI bus. Responsibilities include design, debugging, writing test code, documentation. A BSEE or MSEE is required in addition to a minimum of three years experience with digital microprocessors, CPLDs, FPGAs, high speed circuits and C software.

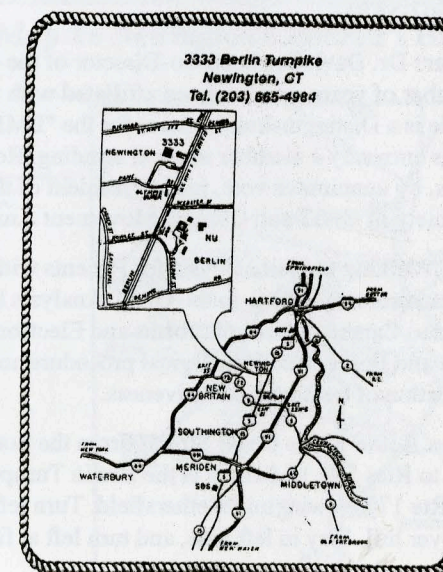
Successful candidates will possess strong written and oral communication skills as well as a personal initiative to succeed in an entrepreneurial environment. For consideration, please submit a resume and salary history to:

Recruitment Coordinator, Cyclone Microsystems 25 Science Park,
New Haven, CT 06511

Professional Activities Counsel for Engineers (PACE)

PACE has more jobs than resumes. There is no charge for our placement service and we are being contacted by the Connecticut Department of Economics as well as companies to fill jobs. However we can not place you unless you send us your resume. Contact David Fink at (203) 525-3344 or send him your resume at 800 Summer Street, Stamford, CT 06901.

Map to CONVEX & Northeast Utilities



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Meeting Notices (Cont)

"EMBS" Society Meeting Engineering in Medicine and Biology Society

NEWINGTON CHILDRENS HOSPITAL Gait Laboratory, TOUR-Roy Davis, Ph.D., P.E.

The IEEE Connecticut Section has noticed a lot of interesting activity in the "Bio-Engineering" areas lately. Recent interest inquiries indicate there is a similar feeling among a number of Connecticut Bio-engineering, Bio-medical, and Biological industry personnel.

In order to serve the needs of IEEE member interests in Connecticut, we will establish a Local Chapter of the "EMBS" Society.

To accomplish this we need at least 12 member signatures on a "Petition to form an IEEE Chapter" for the Executive Committee to then forward to IEEE Regional Activities personnel.

Gary Borla (W) (203) 665-6729 has volunteered to act as "Organizer of the Chapter" during the signature gathering and paperwork processing effort, which is now commencing.

A Kick-Off Meeting for the "EMBS" Society is being held where all interested Society people (Other IEEE members can also attend) are invited to help us gather the required 12 (or more) names.
MEETING Topic: GAIT Laboratory - Tour and Discussion

When: Wednesday, November 15, 1995, 7-9 pm Where: Newington Childrens Hospital GAIT Analysis Laboratory 181 East Cedar Street Newington, Connecticut 06111

Speaker: Roy B. Davis, Ph.D., P.E.; Co-Director of GAIT Laboratory @ (203)667-5370

About the Speaker: Dr. Davis has been Co-Director of the GAIT Lab for a number of years, and has been affiliated with the Lab since 1987. He is a Distinguished Lecturer for the "EMBS" Society, and is currently a member in good standing. Recently, Dr. Davis was, by unanimous vote, made President of the "North American Society of GAIT and Clinical Movement Analysis".

About the Topic: Walking or Gait analysis for Patients with neuromuscular impairments is done in the GAIT Analysis Laboratory using Video Cameras, force platforms and Electromyography. Both Pre and Post corrective surgical procedure analysis gives an indication of treatment effectiveness.

Directions: (Note: Route 175 is Cedar Street) From the South, take Rte 15 North to Rtes 5 & 15 (which is the Berlin Turnpike) to the Exit marked Rte 175 Newington/Wethersfield. Turn left at stop sign and go over hill. Stay in left lane, and turn left at first light.

The first right leads to the main entrance. From the North, take Rtes 5 & 15 South to the Exit marked Rte 175 West. Turn Right at the stop sign and proceed over hill. See above.

Please see map elsewhere, space permitting.

Please call Richard D. Beach (203)639-4105 to indicate your interest and for any additional information, directions, or maps as required.

Title: State of the Art Energy Management System and Tour of the New Connecticut valley Electric Exchange (CONVEX)

Date: Wednesday, December 13, 1995

Time: 7:00 PM - 9:00 PM, Doors Open at 6:30 PM

Location: CONVEX, 3333 Berlin Tpk, Newington, CT (See Map)

Charge: Free Admission, Non-Members Welcome

Contact: Bill Wessman @ (203) 665-6600 for Reservations

Description: CONVEX is the transmission and generation dispatch facility for Northeast Utilities. It dispatches all NU and other power companies' facilities in Connecticut and Western Massachusetts.

In 1994 CONVEX put into service an ESCA Energy Management Platform (EMP) based Energy Management System (EMS). CONVEX purchased the software package from the Bellevue, Washington based software company. CONVEX personnel formed a software team with member's from NU's Information Resources Group. CONVEX personnel performed project management, design, programming, database development, hardware and software integration, and testing functions in implementing the new EMS system. ESCA was utilized for limited consulting and programming services. This was the first time that a customer has purchased and implemented a major EMS system with minimal assistance from the vendor.

In June 1995 CONVEX moved to a new dispatch center facility. The new facility has large and small bench-type operator's consoles arranged in concentric segments in front of a display board. The facility was designed by CONVEX and NU personnel to be as flexible and adaptable as possible. CONVEX and NU believes that the new dispatch center will be a pivotal point in the evolution of control center technology.

Speaker: Matthew Degumbia, Manager - Operations Engineering

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IEEE-LEOS CT Chapter

September 1995

Chair: Karl Kissa

Hello fellow LEOS members! I am the new Chair of the LEOS Connecticut Chapter. For the last year I have been working at Uniphase Telecommunications Products in Bloomfield, CT as an engineer in the product development group. My specialty is the computer modeling and design of integrated optical circuits for fiber-optic communication and sensor systems. I have decided to take a more active role in LEOS CT Chapter by becoming Chair. Erik Donkor will serve as Vice-Chair. Brian Kochan will serve as treasurer.

There are five technical programs, a symposium, and a general meeting scheduled for the upcoming year. The planned activities follow:

Date	Activity Type	Title/Speaker or Workshop
Oct. 95	Technical	Prof. Kenneth Teefarden University of Rochester
Nov. 95	Technical	Prof. Shaoul Ezekiel, MIT
Dec. 95	Technical	Ray Boncek, Rome Labs Griffiss AFB
Jan. 96	Technical	Acousto-Optic Tunable Filters
Feb. 96	Technical	VCSEL
Mar. 96	Technical	5th Annual CMOC Symposium. (Joint Sponsorship with CMOC)
Apr. 96	General Meeting	

ADVERTISING IN THE IEEE CONNECTOR

Advertisements may be placed in the Connector which is circulated to over 5000 IEEE members throughout the state of Connecticut. Issues of the Connector are frequently posted on bulletin boards at a member's workplace. IEEE members are typically engineering professionals with any of the following backgrounds:

Electrical Engineering, Software Engineering
Mechanical Engineering
Mathematics, Physics, etc.

Advertisements range in size from of a business card to a two-sided 8 1/2 x 11 sheet. Following is a fee schedule for the various sizes:

8 1/2 x 11 Double Sided Insert	\$450
8 1/2 x 11 Single Sided Ad	\$250
1/2 Page (Single Sided) Ad	\$150
1/4 Page Ad	\$80
Business Card Size Ad	\$50

For more information or to place an ad please contact Richard Beach @ (203) 639-4105 or Cesar Oliveira @ (203) 525-0821 x 5371.

School Partnerships With Scientists/Engineers

IEEE Volunteers Needed for Technical Education Project involving "School Partnerships with Scientists/Engineers" Initially, New Haven Public Schools (more schools later) are looking for ways that Scientists, Engineers, Technologists, and other Professionals can help in the Education process. If the Volunteer knew more about the classroom, and the Educator about the Volunteer the encounter could be more productive. Presentations or demonstrations could be more effective perhaps.

National Science Foundation funding has allowed a partnership based program in Math and Science to be established, which is called the "PMSA" or Partnership for Minority Student Achievement, Dr. Carlos Mora, Director. A database is being developed to facilitate the linkage between teachers and volunteers from technical societies. PMSA will train the teachers to use the database to find the appropriate volunteers, and then send information packages about the school, classroom materials, and objectives to the volunteers.

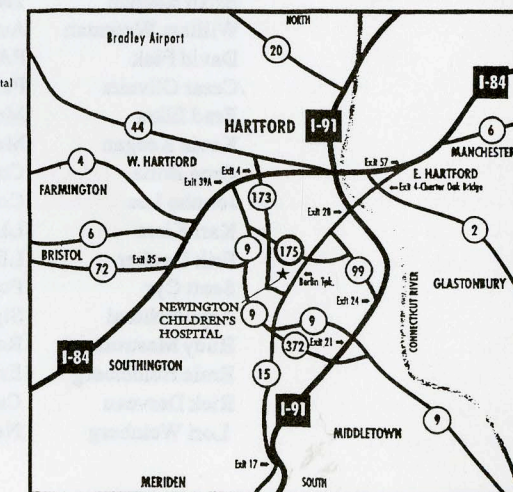
Participation can be in many different ways, such as tutoring, career counseling, presentations, site visits, coaching, supply materials, teacher education etc. Levels can be Grades K-12, Other preferred School districts can be indicated, and Technical Discipline/Specialty can be specified such as Physics, Mathematics, Engineering, Sales, Computer Science, Electronics, Education, Legal, Environmental, Biology, Chemistry, Finance, Astronomy and many others.

Volunteers please contact Richard Beach (203) 639-4105 to receive a survey form/Questionnaire, which will identify interest areas for

Map To Newington Children's Hospital



Newington Children's Hospital
181 East Cedar Street
Newington, CT 06111
(203) 667-KIDS



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Newsletter Of The Connecticut Section Of The IEEE

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