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 Kiss, 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 Boria 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.

Volume XLII Nov/Dec 1995
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, 1996 @ 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 terachmng them at home, at work, or at the mall. Find out about the electrofrication 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 selectric Force.

The program will be preceded by a short discussion about the future of the Power Engineering Society.
**EMBS** Society Meeting Engineering in Medicine and Biology Society

NEWINGTON CHILDREN'S HOSPITAL Gat Laboratory, TOURRoy 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 members interested in Connecticut, the Section will establish a Local Chapter of the "EMBS" Society.

To accomplish this 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 Borsa (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.

The first meeting will be on Tuesday, December 13, 1995 in Room 201, Georgia Tech, 655 Broad St., New Haven, CT 06511.

**MEETING Topic:** GAIT Laboratory - Tour and Discussion

When: Wednesday, November 15, 1995, 7-9 pm Where: Newington Children's 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) 665-6730

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/Weathersfield. Turn left at stop sign and go over hill. Stay in left lane, and turn left at first light.

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**IEEE-LEOS CT Chapter**

**September 1995**

**Chair:** Karl Kissu

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 and as 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 Donker 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 Toftrofen University of Rochester
Nov. 95 | Technical | Prof. Shaul Erez, MIT
Dec. 95 | Technical | Ray Bence, Rome Labs
Jan. 96 | Technical | Acousto-Optic Tunable Filters
Feb. 96 | Technical | VCSEL
Mar. 96 | Technical | 5th Annual CMOC Symposium

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**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 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 at (203) 639-4105 or Cesar Oliveira at (203) 525-0821 x 5371.

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**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 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 at (203) 639-4105 to receive a survey form/Questionnaire, which will identify interest areas for
# The Connector

**Newsletter Of The Connecticut Section Of The IEEE**

## OFFICERS OF THE CONNECTICUT SECTION OF THE IEEE

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
<th>Phone #</th>
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<tbody>
<tr>
<td>Richard Beach</td>
<td>Chairman</td>
<td>(W)639-4105</td>
</tr>
<tr>
<td>Glen Drake</td>
<td>Vice-chairman</td>
<td>(W)769-3056</td>
</tr>
<tr>
<td>Brian Kochan</td>
<td>Treasurer</td>
<td>(W)848-1500</td>
</tr>
<tr>
<td>William Wessman</td>
<td>Audit / Tellers Committee Chairman</td>
<td>(W)665-6600</td>
</tr>
<tr>
<td>David Fink</td>
<td>PACE Committee Chairman/Secretary</td>
<td>(W)325-3344</td>
</tr>
<tr>
<td>Cesar Oliveira</td>
<td>Publications Chairman</td>
<td>W)525-0821 x5371</td>
</tr>
<tr>
<td>Brad Elker</td>
<td>Member at Large</td>
<td>(W)553-4362</td>
</tr>
<tr>
<td>Kevin Keegan</td>
<td>Member at Large, Consultants Network</td>
<td>(W)726-1312</td>
</tr>
<tr>
<td>Greg Boria</td>
<td>Computer Society Chairman</td>
<td>(W)778-6811, X-212</td>
</tr>
<tr>
<td>Joonho Lee</td>
<td>Computer Society Vice-chairman</td>
<td>(W)924-3051</td>
</tr>
<tr>
<td>Karl Kissa</td>
<td>LEOs Chairman</td>
<td>(W)769-3023</td>
</tr>
<tr>
<td>Erik Donkor</td>
<td>LEOs Vice-chairman</td>
<td>(W)486-4816</td>
</tr>
<tr>
<td>Scott Cyr</td>
<td>Power Society Chairman</td>
<td>(W)499-2670</td>
</tr>
<tr>
<td>Arye Nehorai</td>
<td>Signal Processing Society Chairman</td>
<td>(W)432-4260</td>
</tr>
<tr>
<td>Rudy Mastroianni</td>
<td>Retired Engineers</td>
<td>(H)377-5380</td>
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<tr>
<td>Ernie Heidelberg</td>
<td>Entrepreneurs Network Chairman</td>
<td>(W)226-0936</td>
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<tr>
<td>Rick Darveau</td>
<td>Career Development Network Chairman</td>
<td>(H)683-1435</td>
</tr>
<tr>
<td>Lori Weinberg</td>
<td>Newsletter Mailing - ARRL</td>
<td>(W)666-1541</td>
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