A Happy and Healthy Thanksgiving from the New York Section

The time to Volunteer in now!
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http://www.ewh.ieee.org/r1/new_york/
Chairman’s Column

Tappan Zee Subsection Activities

Since the Tappan Zee (formerly Westchester / Rockland) Subsection was re-activated earlier this year there have been a number of activities planned for our Westchester and Rockland engineers. At the September meeting I briefed the members on the activities of the New York Section and discussed future plans of the Tappan Zee Subsection. Due to unforeseen circumstances the scheduled talk for the evening was canceled so I filled in with a presentation of the Con Edison Company’s electric distribution system. A lively discussion followed of the events of the August 14th blackout, the electrical transmission system and pros & cons of nuclear energy.

During the September meeting I asked members of the audience if they had topics that they wanted presented at future meetings and if anyone would be interested in being a speaker at a future meeting. I’m happy to report that several prominent engineers volunteered to be guest speakers. Warren D. Dyckman, Program Manager, IBM Microelectronics Division will be speaking at the October 15th meeting. His presentation features 40 Gb/s Technology for Optical Communications. He will describe the packaging of 40 Gb/s MUX using unique, innovative and robust transmission structures and an improved BGA using IBM’s mature alumina MLC material set. The design of a newly patented coplanar waveguide (CPW) structure that is embedded in standard IBM alumina package materials will also be discussed.

The November 19, 2003 Tappan Zee meeting will feature Dr. John P. Lamb, Senior Technical Staff Member for IBM in White Plains, NY. Dr. Lamb’s talk will be on “IBM’s Experience Implementing Hosted Internet Web Sites”. He recently gave this presentation at two Russian universities, the Leningrad Electro Technical Institute (LETI) in St. Petersburg and the State University of Management at Moscow. The presentation will include the following topics: A Brief History of IBM’s Experience with Sport & Event Web Sites How this Experience has Carried Over to the Design of Commercial Web Sites How Information is Provided to Companies on the Performance & Use of their Web Site New Options for Business to Business (B2B) Web Sites New On-Demand Concepts for Web Sites

Dr. Lamb is currently a Senior Technical Staff Member for IBM in White Plains, New York. His work includes architecture and design for IBM web services for several companies including the New York Stock Exchange and several large commercial banks. Service offerings to corporations for collaboration services using products from Lotus such as web conferencing; instant messaging and web team rooms have recently become another focal area. Other current work involves “Business to Business” (B2B) projects for other IBM commercial customers. The B2B projects include Web support products, tools, and procedures such as Websphere, MQSeries, HACMP, HTTPS, LDAP, XML/EDI, etc.

Dr. Lamb has been involved in the design aspects of many large Web server and Lotus Notes/Domino servers and networks for over ten years. A major focus has been on the interconnection of Lotus collaboration domains across IBM's worldwide internal and commercial wide area networks. Overall, he has more than ten years experience in network architecture and design for IBM's internal and commercial web services and networks, including management of IBM's Network Performance Design and Analysis Department.

Dr. Lamb holds a B.A. from the University of Notre Dame, M.S. degrees from the University of Utah and Pace University, and a Ph.D. in Engineering Science from the University of California at Berkeley (1974). He is a senior member of the IEEE and ASME engineering societies. Dr. Lamb has published more than 40 technical papers and co-authored the books "Lotus Notes Network Design" (published by McGraw-Hill, 1996), "Lotus Notes and Domino Network..."
“Design” (published by McGraw-Hill, 1997), and “Lotus Notes and Domino 5 Scalable Network Design” (published by McGraw-Hill, 1999). A fourth book “Implementing WebSphere Application Server and Lotus Domino Solutions” will be published by Prentice-Hall in early 2004. Bernie Gollomp, Chair of the Tappan Zee Subsection has been busy trying to put together a technical conference that would benefit not only engineers from Westchester & Rockland, but also all engineers in the New York metropolitan area. Plans for the first topical meeting and seminar for Lightwave Technologies in Instrumentation & Measurement are scheduled during October 2004. Unlike most conferences, this technical meeting will be conducted in the Gordon and United Engineering Conference style. Experienced and neophytes should benefit from attending and participating in these unique learning and technology exchange opportunities. Multiple day and single day session attendees will be welcome. A possible venue for this conference is the IBM Palisades Executive Conference Center. The IBM Palisades Executive Conference Center offers close proximity to New York City in an almost pastoral setting for outdoor discussion gatherings and with many around the table meeting rooms, comprehensive computer, audio-visual facilities and high technology rooms for those desiring local housing. Extensive and no-cost parking will be available. Accepted manuscripts will, in the United Engineering Foundation and Gordon style, provide the bases for open and lengthy discussion and comment. A limited quantity of manuscripts shall be accepted to meet the objectives of this style of technical meeting. A limited number of exhibits will also be encouraged. These exhibits should focus on educational objectives. Costs of exhibit space will be very modest. An introductory technology update seminar is planned. Volunteers interested in conducting the pre-meeting seminar sessions are welcome. The November 19th meeting will be a very interesting meeting. Tappan Zee Subsection members and other engineers are all welcome! Please look for additional details in this issue of the Monitor.

Robert M. Pellegrino

The next meeting of the Tappan Zee Subsection will be on Wednesday, November 19, 2003. The location has not been decided and an e-mail will be sent to all subsection members by subsection secretary Shu-Ping Chang at spchang@us.ibm.com. The meeting will start around 6:30pm. Dr. John Lamb, Senior Technical Staff Member of IBM, will make the presentation on "IBM's Experience Implementing Hosted Internet Web Sites (with New Collaboration and On-demand Options)" at 7 pm. This topic covers lessons learned from many high volume web sites regarding design and development such as the Olympic event, eBay, New York Stock Exchange, etc. If you plan to attend this meeting, please send an e-mail to subsection secretary Shu-Ping Chang at spchang@us.ibm.com by Monday Nov. 17. See you then.

Cheers!
SP Chang, Ph.D.
Software Development Manager
Integrated Content Management Solution
17 Skyline Dr. Hawthorne, NY 10532
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Fax: +1 914 784-6030 (t/l 863-6030)
Pager: 800-225-0256 PIN 6048765

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The New York Section seeks active volunteers to fill the following positions:

Consultants Network Chair
Instrumentation & Measurement Chair
Social Implications of Technology Chair
Women in Engineering Chair

If you are interested, please contact me:
Robert M. Pellegrino, Chair, NY Section
Phone: (212) 780-3758
FAX: (212) 780-3777
Email: PellegrinoR@ConEd.Com

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The election meeting is scheduled for Wednesday, November 12, 2003 beginning at 5:30 PM in Pete’s Tavern, 129 East 18th Street on Irving Place, Manhattan, New York. Voting will take place at 6:00 PM.

The Nominations Committee of the IEEE New York Section proposes the following slate for election as officers and elected chairs of the Executive Committee for the period: January 1, 2004 to December 31, 2004.

Other Chapters of the New York Section are welcome to participate.

**Officers**
- Chairman - Benjamin Schall
- Vice Chair Chapter Operations - Robert P. Noberini
- Vice Chair section activities - Paul J. Sartori
- Treasurer - Stanley Karoly
- Secretary - Neil Weisenfeld

**Elected Committee Chairs**
- By Laws - William N. Coyne
- Managing Editor - Michael A. Miller
- L. R. Planning - William L. Perlman
- Special Events - Ralph Tapino
- Chapter Organization - Phil Paterno
- Historian - Melvin Olken
- Publications - Frank E. Schink
- Web Master - Harold Ruchelman

**Tappan Zee Subsection**
- Chairman - Bernard Gollomp
- Vice Chair - Dr. Laurent Balmelli
- Treasurer - Warner Johnston
- Secretary - Dr. Shu-Ping Chang

**PES / IAS New York & Long Island Chapter**
- Chairman - Michael A. Miller
- Vice Chair - Neil Weisenfeld
- Treasurer - Ralph A. Mazzatto
- Secretary - Bill Montgomery
- Sr. Member at Large – John Pascu
- Jr. Member at Large – John Michelsen
The Tetra Society...Working to Make Communities More Accessible, But We Need Your Help!

Brian is a New York resident and has MS. He loves being outdoors and spends every spare moment out on his garden. Brian’s MS is worsening and he can no longer garden with ease. He has asked the Tetra Society of North America for help – he needs an assistive device built, specifically for him that would allow him to once again pursue his favourite pastime.

Shannon is paraplegic and is very dedicated to keeping herself physically fit. She needs adaptations to her exercise bike so that she can keep her feet on the pedals.

Matthew is an extremely bright individual but has not been able to read a book independently for two years. He is quadriplegic and ventilator dependent. He is one of the many people with significant disabilities searching for ways of increasing their personal independence and self-reliance through Tetra.

These people can be assisted if volunteers can be contacted. Tetra's new chapter in New York City requires engineers, designers, technicians and handypersons willing to volunteer their services. All of the assistive devices created by Tetra are volunteer-driven, which keeps costs at a minimum and results high.

If you are interested in adaptive technology and would like to help someone in the New York area, contact the New York City chapter coordinator, Eddy Ehrlich, at (718) 398-3133.

To find out more about Tetra's activities throughout North America, log on to www.tetrasociety.org or call 877-688-8762.
Calendar of Upcoming Events

November 12, 2003 (Wednesday) Election Meeting is scheduled to begin at 5:30 PM. Voting will take place at 6:00 PM in Pete’s Tavern, 129 East 18th Street on Irving Place, Manhattan, New York.

November 18, 2003 (Tuesday) Engineering in Medicine and Biology Society planning meeting (with or without dinner) beginning at 7:30 PM at Gracie Mews Restaurant, 1550 1st Avenue, corner of 81st street. Contact: Joel Levitt: jlevitt@pratt.edu or (212) 479-7805


November 19, 2003 (Wednesday) Tappan Zee Subsection Meeting is scheduled to begin at 6:30 PM. The location has not been decided and an e-mail will be sent to all subsection members by Shu-Ping Chang at spchang@us.ibm.com. Dr. John Lamb, Senior Technical Staff Member of IBM, will present on "IBM's Experience Implementing Hosted Internet Web Sites" If you plan to attend this meeting, please e-mail Shu-Ping Chang at spchang@us.ibm.com by Monday Nov. 17.

November 19, 2003 (Wednesday) Long Island Technical Meeting beginning at 7:00 PM at Telephonics Corp., 815 Broadhollow Road, Farmingdale, NY. Topic: Solar Power, its uses and benefits for clean energy. Speaker: Dr. Gaye Canough, Consultant to ETM Solar Works. Free. Contact: Robert Bruce: R.N.Bruce@IEEE.Org or (718) 224-9498

November 20, 2003 (Thursday) PES Program Committee forum beginning at 5:15 PM in the Con Edison executive dining room, 4 Irving Place, 19th floor, New York, NY 10003. Topic: Planning and Developing the NYCT Rail Control Center. Speaker: David M. Weiss, Senior Director of Project Planning. Contact: John Michelsen at (914) 968-8400 or Alan Osborne: OsborneA@ConEd.Com

February 21, 2004 (Saturday Evening) 2004 Awards Dinner Dance, Trianon Ballroom, New York Hilton Hotel and Towers at Rockefeller Center, 1335 Avenue of the Americas (between 53rd and 54th Streets) Contact: William Perlman (908) 810-8555 W.Perlman@IEEE.Org

The following New York Section members have been elevated to Senior Member.

Haidar M. Harmanai
Sung Kwon Kang
Kenneth L. Shepard
Liang-Jie Zhang
New York Section PACE Calendar of Upcoming Events. The following are proposed Section activities. Dates and locations will be announced in future issues when they become available. Please plan to attend at a meeting or seminar.

November 12: Election Meeting
November 18: Financial Seminar
January 14, 2004: General Meeting

If you have suggestions on areas of professional activities that interest you please contact me.

Peter Greco  PACE Chairman
Tel.: 212-614-3357  Fax: 212-529 5237
email: p.j.greco@ieee.org

IEE-USA’s New Resume Referral Service: Put your resume for maximum exposure! IEE-USA in cooperation with Resume-Link has established a members-only Resume Referral Service which IEE members may register, FREE of charge via web registration or by hard copy. Your resume will stay on file for six months (with an option to renew the listing up to a year). Make sure you check out this great new service to promote your credentials! For hard copy registration forms, contact Resume-Link at 614-923-0600 or <socmember@resume-link.com>.

IEEE-USA’s and IEEE Job Site: This highly rated job listing service was replaced by a new internet-based job site, and is sponsored by IEEE-USA and IEEE Spectrum. The site allows the active and passive job seeker more control over the recruiting process. For more details go to www.ieee.org/jobs.

IEEE EMPLOYMENT ASSISTANCE WEB SITE: <www.ieeeusa.org>

The Employment Assistance Web Site brings together dozens of job-search resources in a single location. The site includes the following:

Entry-Level Employment Assistance Site: If you are an engineering graduate, recent graduate, of IEEE Student Member looking for the first job this is one of the best places to begin your career. Special entry-level employment services include job listings, links to company sites and job-search tips and techniques:<www.ieeeusa.org/EMPLOYMENT/entry.html>

IEE-USA’s New Resume Referral Service: Put your resume for maximum exposure! IEE-USA in cooperation with Resume-Link has established a members-only Resume Referral Service which IEE members may register, FREE of charge via web registration or by hard copy. Your resume will stay on file for six months (with an option to renew the listing up to a year). Make sure you check out this great new service to promote your credentials! For hard copy registration forms, contact Resume-Link at 614-923-0600 or <socmember@resume-link.com>.

EMLOYMENT AND CAREER ENHANCEMENT PUBLICATIONS

The Engineers Guide to Lifelong Employability
This is a practical complete resource book on locating and obtaining good jobs throughout your career. Features over 200 pages of in-depth text that will allow you to master the engineering job search.

IEEE Members: $19.95

Engineering Careers into the 21st Century
Offers strategies and insights for engineers working in today’s dynamic professional environment IEEE Members: $20.00
IEEE New York Section PACE with IEEE Chapter of PES and IAS NY & LI and the Edison Engineering Society

Presents

Financial Seminar

on

Principles of Investing

Investor Considerations

Topics:

Reviewing Investment Concepts
Establishing Personal Investment Goals and Objectives
Developing Financial Strategies for Estate Accumulation and Retirement Planning

Special Topic:

Managing Your Investments in Volatile Markers

Date
Tuesday, November 18th, 2003
5:30 P.M. – 7:30 P.M
(Refreshments will be served at 5:30pm).
Con Edison Executive Dining
4 Irving Place, 19th Floor
New York, NY 10003

Speaker:
Jeremy A. O’Brien
Financial Advisor
Investment Management Consultant
UBS Financial Services

Reservations Are Necessary
Please RSVP by Friday, November 14th, 2003 to:
Peter J. Greco by phone (212) 614-3357 or by email p.j.greco@ieee.org
Michael Miller by phone (212) 460-4911 or by email millerm@coned.com
The Two Software Cultures
George Hacken, Chair
New York Chapter
IEEE Computer Society

Apologia
(From Game Programming in the 21st Century by James Hague)

“Nine years ago, at the start of the decade, I bought a book titled Programming in the 1990s, by Edward Cohen. The author’s viewpoint was that programmers generally work incorrectly. They merely guess at the solutions to problems, rather than formally defining them and then working toward a provably correct answer using traditional predicate calculus and a system of guarded expressions developed by computer scientist extraordinaire, Edsger Dijkstra. Programmers worldwide, having seen the error of their past ways, would routinely be using such techniques by the mid-nineties. [Yeah], right. Okay, I doubt that ol’ Edward [Cohen]ever expected this to happen…. But it was an interesting book — a whole lot more fascinating than the Teach-Yourself-Java-During-the-Commercials-of-Melrose-Place books which turned out to be a staple of future years.”

• YHS (your humble speaker) invariably enjoys movies that the critics consider terrible, so he’s not welcome in the Fraternity of Critics – social or otherwise.

• Therefore he’ll invoke [Groucho-]Marxism retroactively in refusing to join any fraternity that would have him as a member.
  — (Same logic as, “You can’t fire me, I quit!”)

• The following is thus a presentation, not a critique.
The Excluded Middle

• LEM: Any x either has property P or lacks P

• Any Bit in an executing (digital) computer can have only one of two values, 0 or 1, at a given instant
  — This ignores the actual (physical) state of the real computer hardware, which can admit (computationally unrecognized) tri- or meta-stable states

• We’ll speak similarly of the Two Cultures, i.e., of a dichotomy,

  — which does not mean that there exist, in the Real World, software developers that are 100% Culture A, 0% Culture A’, or vice versa.

A Hidden Premise Made Explicit

• What we understand here to be a Computer System is a physical realization of completely understood mathematical-logical principles (laws).
  — … a Virtual Machine made real.
The Two Cultures

• Culture M
  — Constructs specifications and software in a mathematically conscious, often rigorous, provably correct way.

• Culture M’
  — Does not.

(The Law of the Excluded Middle is used here as a cheap trick: Culture M’ is being defined by what it is not. Sorry.)

Who Are These People?

• M’ includes some of the world’s smartest people, some of my best friends, and – when threats to my job are sufficiently persuasive – me.

• M includes some of the world’s smartest people, fewer of my best friends, and – on all-too-rare occasions – me.

What Do They Believe?

• Members of M either began with, or eventually were forced to adopt, the

  — Law of the Excluded Miracle*, i.e.:
    • Creating a record number of lines of code per minute
    • Compiling, linking, loading
    • Closing your eyes, with Hope in Your Heart, and Executing

  — Will – you guessed it – not work.

* See the works of E.W. Dijkstra – pioneer and rare 100% M

What Do They Believe?

• When I am a member of M’

  — I behave as if:
    • Creating a record number of lines of code per minute
    • Compiling, linking, loading
    • Closing my eyes, with Hope in My Heart, and Executing

  — Will work.

Surprise, Surprise!

• It does! Here’s why (actually, how):
  — I’m rewarded for SLsLoCs (source lines of code) -- the more, the better.
    • In that regard, the software-development languages and tools that I use are optimized for speed of development (short time to market),
not toward correctness.
• Ditto for most paradigms. Object Orientation is more about reuse than it is about correctness.

– I’ve met the deadline du jour
• So I’ll get a progress-payment, and/or
• I’ll get credit for an inch- or mile-stone (and keep my job)
– The (empirical) probability – recognized by all of my customers -- that my software project will ‘blow’ schedule & budget is greater than 75%
– The number of bugs that I insert assures me of future, if not perpetual, software-’maintenance’ work.
Painted Into a Corner!
• (Not really, since I’m describing, not judging.)
• Fuzzy Set Theory (FST) saves the day (for this presentation).
  – Since a given software developer D can belong (fractionally) to M and to M’, we’ve already invoked FST.
• So, similarly (as mathematicians say), the M ‘methodology’ also does not work.
• So, M’ works AND does not work
  — Excluded Middle debunked!?
An Inappropriate Self-Reference (Self-reference is at the root of mathematical paradoxes)
• This presentation is under the Computer Society’s auspices.
  – So, why aren’t M and M’ getting equal (or equal-quality) time?
    • (Begging the question: Who said that they’re not?)
    • (When did you stop abusing your Significant Other?)
  – Answer:
    • M is the Silent Minority
      – (3 tragedies of Computing Science)

• I’ve told you: I’m in both M and M’ (an ad hominem defense)

Unsolicited, Unwelcome Advice
• A philosopher is one who gives helpful hints to people who are happier than he is
  – Tom Lehrer, inexactly quoted.
• Here goes: Why would a virtually infallible, world-class C++/Object-Oriented genius care what the M-Crowd of ‘Bee-Keepers’ and ‘Stamp-Collectors’ does or thinks?
  – Answer: S/he doesn’t have to; s/he’ll most probably remain world-class, and will be M whenever necessary.
  – (Subtext: Was coming here worth your while?)

A Human Version of the Problem
• (Here the ‘processors’ are people. The example is from Gause & Weinberg’s Are Your Lights On?, Winthrop, 1982)
• If daylight and lights are on, turn ‘em off
• If dark and lights are off, turn ‘em on
• If daylight and lights are off, leave ‘em off
• If dark and lights are on, leave ‘em on

The Optimal ‘Answer’
• Are your lights on?

Will This Sermon Ever End?
• Yes, on a mathematical note.
• Professor Paul Halmos, the famous mathematician, wrote his autobiography at age 70+
  — Its title: I Want to be a Mathematician
• Similarly, I want to be an Engineer
  — When I’m à M, I feel like one.

The Engineering in Medicine and Biology Society, (NY/North J/LI Chapter) announces: Planning Meeting
If you want more meetings...more invitations going out to eminent and exciting speakers...other events...here is your opportunity to be involved in our planning. Who should come: This meeting is open to all interested. Even if you are not yet an IEEE or EMBS member you are still invited. You should come if
1) You are interested in becoming an officer. (You will have to join IEEE and EMBS to actually run for office.)
2) You have suggestions for speakers we should invite.
3) You have strong feelings about when meetings (time and day of week) should be held.
4) You yourself have something to present at one of our regular meetings and can explain what it is. Engineering in Medicine & Biology is a broad area.
5) You have some ideas about what we should be doing in addition to having technical meetings.
6) You just want to find out more about your local chapter.

Meeting Details:
Type: Dinner Meeting (You can attend without dining)
Date: Tuesday, November 18, 2003 Time: 7:30 PM
Place: Gracie Mews Restaurant, 1550 First Avenue (corner of 81st St.)
Cost: Regular restaurant pricing (Large menu $10-$20)
Pre-registration: Not required, but would be appreciated, email & phone below.
To pre-register and for more information about this meeting or EMBS:
Joel Levitt: Email: ilevitt@pratt.edu Phone: (212) 479-7805 (24hr Voice-mail)
YOU ARE INVITED TO A JOINT MEETING
of the IEEE with Edison Engineering Society
Thursday, November 20, 2003

PRESENTING: Planning and Developing the NYCT Rail Control Center

The speaker at our October meeting will be David M. Weiss, who will discuss the planning, coordination, development, and planned operation of the new NYCT Rail Control Center.

David Weiss has been with NYC Transit for a dozen years, and is now the Senior Director of Project Planning. He has been responsible for planning, developing, and coordinating the new Rail Control Center and Automatic Train Supervision system. Prior to joining NYCT he was with Gibbs and Hill, consulting engineers, as Chief Transportation Engineer and Director of Business Development. He worked on the planning, design, and construction on a range of projects including the Washington Metro, NYCT 63 ST tunnel access, Pittsburgh Light Rail, LIRR signaling, and Metro North system wide capacity studies. David's a graduate of Queens College (BA), Ohio State (Masters in 1967) and Baruch (MBA in 1976). Mr. Weiss is active in the IEEE Vehicular Technology Society. He is Chair of the Student Activity Committee and is the President of Camp Sussex, Inc. a charity that brings 600 kids each summer to its camp in Sussex NJ.

Thursday, November 20, 2003

Refreshments: 5:15 pm                                             Program: Starting at 5:45 pm

Location: Con Edison Executive Dining Room, 19th Floor
          4 Irving Place, NY 10003

Nearest Subway: Union Square

Reservation to: John Michelsen @ 914 968-8400, Alan Osborne @ 212 460 6690 or
                Michael A. Miller @ 212 460 4911

Please Post

All Invited!

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.
RECRUITING AND RETAINING VOLUNTEERS, PART I
(First in a series on the subject)
What are your expectations when looking for new volunteers for your Section? Are your expectations realistic? Here is a breakdown of volunteerism in a typical membership organization (taken from pages 14-15 of "Volunteers: How to Get Them, How to Keep Them" by Helen Little; Panacea Press, Inc. Naperville IL., 1999):

- Approximately 5% of the membership serve as volunteer leaders: officers, board members, and key committee and task force chairs.
- Another 15% of the membership are active volunteers: project team leaders and work team leaders.
- Approximately 75% of the membership volunteer occasionally, participate in some activities and use some services.
- The remaining 5% are critics. You've probably noticed that they do not participate but tend to complain about everything. This group keeps the other 95% from becoming complacent.

Next month, we will list the 12 basic needs of volunteers. Each month thereafter, one of the 12 needs will be written about in more detail, along with actual successful volunteer recruiting practices of IEEE Sections.

Speaking of which?
Does your Section have a volunteer recruiting/retaining practice that you would like to share? You can send it to Vicki Waldman at scoop@ieee.org, or share it on the Section/Chapter Volunteer Forum Virtual Community, at https://www.ieeecommunities.org/section-chapter_vol.

Save the dates for the Fall 2003 Women For Hire recruiting events!
Women For Hire events are exceptional opportunities for professional women in all industries to meet with recruiters from top employers. Admission is free for job seekers. Resumes and business attire are required.

Participating employers for the Fall 2003 season include: American Express Financial Advisors, Archer Daniels Midland, AOL Time Warner, Barclays, Bloomberg, Coca-Cola, Crate & Barrel, Ernst & Young, FedEx, GlaxoSmithKline, Honda, Lockheed Martin, Memorial Sloan-Kettering, MetLife, Northrop Grumman, NYU Medical Center, Princeton Review, Raytheon, Staples, Target, Toyota, UBS Financial Services, U.S. State Department, Wal-Mart Corporation, Whole Foods Market, and many more. (PLEASE NOTE: Participants vary at each event; check listings for your city.)

Boston: October 16 - Hyatt Regency Boston (formerly the Swissotel)
New York City: October 21 - Manhattan Center
Atlanta: October 30 - Cobb Galleria
Dallas: November 4 - Adam’s Mark Hotel
Chicago: November 6 - Navy Pier
Washington D.C.: November 13 - Sheraton Crystal City

All events are from 10 a.m. to 4 p.m.
Details can be found at womenforhire.com, or call (212) 580-6100 for more information.
2003 Fall Outing

Dear Friends,
On Friday, September 19, 2003, fifty-two PES / IAS volunteers of the New York Chapter joined me at the annual Fall Outing at Krucker’s for an elegant dinner complete with fabulous food and drinks and a wonderful sunny day of activities, comradely, and networking, by the members of the Power Engineering Society.

From start to finish the afternoon and evening was special. During the day, I had the pleasure of playing volley ball with a team – primary members of long standing, where we were able to step back in time and enjoy those activities that created a small portion of the glory of being a member and actively participating in programmed activities.

Later in the afternoon, after dessert was served and everyone was enjoying the afterglow, we were further entertained by distribution of mementoes and first-hand accounts of programs and events that have characterized our organization over many decades. Every story had one thing in common: deep dedication and support. Over the past number of years, the PES / IAS has become a part of many people’s personal history and this is why I am especially proud to be a part of its future.

We have received many Chapter Awards from the PES / IAS Society in recognition of our programming and activities. To date, the technical discussion group is now fully functional and has had two well attended meetings. There are several more scheduled.

Upgrades in other areas are in progress and speakers from many disciplines are now requesting programming time.
The painstaking work of orchestrating these activities is behind us, the decorative trim is in place, as are the embellishments that were the signature details for a well run organization. Today you can better imagine what this magnificent Chapter will be like with banners displayed and members actively engaged. By this time next year the I hope to see many new faces actively participating and enjoying the benefits of membership.

In closing, I must acknowledge the work of Paul Sartori, Chairman of the Related Activities Committee and the members of his committee:

Tom Matonti, Harold Ruchelman, Bill Coyne, Mitch Lipinski, Steve Kraemer, George Maroti, and Alan Osborne. Without a doubt, it was one of our most successful Outings to date.

With more programs scheduled, and more to be added during the year, the PES / IAS has reached new programmatic heights. Among the highlights are the opportunity to present an eclectic series of Technical Meetings featuring speakers on industry related applications and an expanded programming of other activities. I look forward to seeing you again and again.

Philanthropic Planning with Retirement Assets
By: Karen Galuchie, IEEE Development Office

Today’s economic environment has made it more critical than ever to plan before and during retirement for your well-being and the well being of your loved ones. Millions of Americans have taken advantage of generous tax incentives and saved for retirement using qualified retirement plans. Many of these same people forget that the assets remaining in their qualified retirement plans will be included in the total value of their estate at their death. If left to beneficiaries other than a spouse, these assets are not only subject to estate tax, but also to income tax when withdrawn by your beneficiaries.
Power Monitoring Design Considerations

This month’s meeting, September 25th, featured Glenn Kwederis, Business Development Specialist for Square D Company. Glenn works in the Power Management Organization at Square D, specializing in PowerLogic monitoring systems. With territorial responsibility for New York and New Jersey, he interfaces with consultants, contractors, and end-users from a wide variety of industries to help them with their power monitoring concerns.

The presentation covered such topics as:

- Introduction to Topic – The importance of Power Monitoring to end users
- System Components – Devices, Communications, Software, Services
- Device Selection – Selecting device function vs. price vs. criticality
- Communications – The key to delivering reliable information
- Software – Providing the knowledge to make better decisions
- Services – How product mix and system implementation come together to help serve a wide range of objectives.

The meeting was opened by James Nucito, Co-Chairman – Technical Discussion Group.

Sukumar Alampur, Co-Chairman – Technical Discussion Group presented the speaker.
THE NEW YORK SECTION’S
2004 AWARDS
DINNER DANCE

The 2004 NY Section Awards Dinner Dance honoring the Section's Awardees will be held on Saturday evening, February 21, 2004.

This year, our dinner dance (black tie optional) will be held in the beautiful Trianon Ballroom, located on the third level (coat check is on the second) of the New York Hilton Hotel and Towers at Rockefeller Center, 1335 Avenue of the Americas (between 53rd and 54th Streets).

Festivities will begin at 6:30 P.M. with crudite and cocktails in the Petit Trianon. Here we will have a chance to relax, get acquainted and reacquainted.

You will have the opportunity to pamper your palate with a choice of either a succulent filet mignon or a delicious fresh salmon steak. Each gourmet entree will be accompanied by an appetizer, salad and dessert. There will be a brief awards ceremony after dinner and dancing to the sounds of the New Horizon Orchestra.

For those wishing to spend the night the standard room rate is $219.00 and reservations are required - please call 212-586-7000 or try for a usually better rate on the internet. We can get a group rate of $199.00 if we guarantee a block of 16-20 rooms, please contact William Perlman for arrangements.

Reservations for the affair may be made by completing the coupon below and forwarding it to William Perlman at the address indicated before February 1, 2004. Corporate Sponsors: Table of 10 at $ 1,600.00

A special non-transferrable rate of $90 for each ticket is available to IEEE members.

Note that this rate is for the attending IEEE member and a guest only.

Organizations wishing to be Industry Sponsors or non-IEEE members may obtain additional information and cost by contacting:
Ralph Tapino (718) 761-5104
William Perlman (908) 810-8555

MEMBER RATE RESERVATION FORM

Send to: William Perlman
267 Richmond Avenue
South Orange, NJ 07079

Please indicate meal selections:
Filet Mignon ______
Salmon Steak ______

Name: _____________________________________________
Company: _____________________________________________
Address: _____________________________________________
City: _______________________________ State: ______
Zip Code: ____________ Telephone: ______________________
IEEE Member # ____________ No. Of Tickets @ $90.00 ________ Tables @ $ 1,600.00_____

Amount Enclosed $______________

MAKE CHECK PAYABLE TO: IEEE, NY Section