



# Chairman's Column



## Predictions for the Year 2000

It is appropriate at this time of year to offer both Predictions for the future and Resolutions for the next year, so here goes. These do not represent the IEEE or the New York Section, but only my own

First the Predictions:

- The Y2K problem will be a non-event. Your power will continue as usual and nothing discernable will occur.
- Israel and Syria will reach a peace accord as it is in their best interests both economically and politically.
- The Stock market (DJIA) will reach 14,000 after a major adjustment.
- The NASDAQ will reach 5,000; but not before a crucial correction. The Internet issues will both bring about the corrections and push the index over 5,000.
- A major and deciding issue in the Presidential elections will be the environment and global warming.
- The Engineering profession will increase in prestige as a result of some major advances and new projects affecting the growth of the Internet, space travel, and environmental issues, stored electric energy, and electric vehicles.
- The Internet will continue to grow exponentially.
- Every family in the US will have a means to access the Internet.
- Hillary Clinton will win in a hard fought battle for the Senate seat in New York State. Mayor Rudolph Guiliani will commit a snafu that will be embarrassing to his administration.

- The Republicans will lose control of Congress due to inner disagreements and their inability to present a unified platform.
- George Bush will win the Republican nomination in a very close race due to his overwhelming predominance in financial funding.
- Vice-President Al Gore will win the nomination against William Bradley and go on to win the Presidency. Both will be close races.
- We will continue to experience climatic irregularities that are related to global warming. My crystal ball does not show any major disasters so I predict a year of good living.

Resolutions for the year 2000:

- Increase my effort to fill all open positions on the executive board of the New York Section.
- Attempt to secure ads for the Monitor that will make it self-sufficient.
- Run more activities geared to the interests of IEEE members by determining those interests via personal contact.
- Work to improve benefits, compensation, and life style for engineers.
- Try to establish activities for partners or the significant other so that meetings are both social and technical.

I guess you can now gauge my performance on two levels, how well I envision the future and what type of performance I will try to deliver. The next major event of our section is the Fellows Award Dinner Dance, Saturday, February 12, 2000. I am currently working to make this an exceptional event. I hope that you can attend as it will be a good opportunity to meet fellow engineers in a very sociable and friendly setting where you can talk, mingle, network, dance, eat, drink, and have a great time.

I wish that you and your families a very healthy, enjoyable, and prosperous New Year. May we all find peace and fulfillment in all of our undertakings.

Michael A. Miller, Chair  
New York Section

## **Three New York Section Members are Newly Elected IEEE Fellows**

The IEEE Fellow Committee has named 248 IEEE Senior Members to Fellow Grade effective January 1, 2000. The three newly elected Fellows listed below are members of the Westchester Subsection of the New York Section. Congratulations on becoming members of the Class of 2000 Fellows.

- **Steven W. Depp**  
IBM T.J. Watson Research Center  
Yorktown Heights, N.Y.  
For contributions to thin film transistor/liquid crystal display technology.
- **Robert John Tasman Morris**  
IBM T.J. Watson Research Center  
Yorktown Heights, N.Y.  
For contributions to performance evaluation of computer systems.
- **Rajiv Ramaswami**  
Tellabs Optical Networking Group  
Hawthorne, N.Y.  
For the development and implementation of optical networks.

All 3 are invited to attend the Section's Fellows Awards Dinner on Saturday, February 12, 2000.

---

## **George Gilmore receives the New York Section Distinguished Service Award for 2000**

At its December 10 meeting, the New York Section Executive Committee confirmed the recommendation of the Section's Special Awards Subcommittee to give the 2000 Distinguished Service Award to George Gilmore.

His award is "For Distinguished and Outstanding Service to the Engineering Community, The New York Section through the Power Engineering Society, and our country by his active service in the USN."

Recipients:

2000 George Gilmore  
1999 Jalal Gohari  
1998 Frank P. Farinella  
1997 Frank E. Shink  
1996 Roger K. Sullivan  
1995 Amos E. Joel

1994 Philip M. Paterno  
1993 William Terry  
1992 Robert W. Gillette  
1991 Anthony B. Giordano  
1990 Jack L. Jatlow



The IEEE  
**MONITOR**

Vol. XLVII No. 6 February, 2000

## OFFICERS

SECTION CHAIRMAN - Michael Miller  
VICE CHAIRMAN, OPERATIONS - Jalal Gohari  
VICE CHAIRMAN, ACTIVITIES - Alan Osborn  
TREASURER - Ralph Tapino  
SECRETARY - Robert Pellegrino  
AWARDS CHAIRMAN - Peter Mauzey  
P.A.C.E. CHAIRMAN - Peter J. Greco  
PUBLICATIONS CHAIRMAN - Frank E. Schink

## STAFF

EDITOR - Harold Ruchelman  
ASSISTANT EDITOR - Leon Katz  
EDITOR - AT - LARGE - James P. Barbera  
HISTORIAN - Frank P. Farinella  
METSAC - Karl O. Sommer

Postmaster: Send Address change and returns to the IEEE MONITOR, c/o Membership Services, IEEE Service Center, PO Box 1331, Piscataway, NJ 08855 (ISSN 0164-9205)

Published monthly, except for June, July and August, by the New York Section of the Institute of Electrical and Electronics Engineers, Inc., 24 Chamber Lane, Englishtown, NJ 07726.

Phone (212) 460-6363, Fax (212) 529-0463. IEEE Corporate Office, 3 Park Avenue, 17th Floor, New York, NY 10016-5997

Annual subscription: \$4.00 per member per year (included in annual dues) for each member of the New York Section: \$10.00 per year for non-IEEE members

All communications concerning The IEEE MONITOR should be addressed to: The IEEE MONITOR, 24 Chamber Lane, Englishtown, NJ 07726 or e-mail: [monitor-editor@ieee.org](mailto:monitor-editor@ieee.org).

Responsibility for contents of articles, papers, abstracts, etc. published herein rests entirely with the authors, not the editor, Publication committee, IEEE or its members.

Periodicals Postage Paid at New York, NY and additional mailing offices.

## IEEE Releases Video Tutorial *Oxide Wearout, Breakdown, & Reliability*

Newly released from the IEEE is the video tutorial, *Oxide Wearout, Breakdown, & Reliability*. Carefully and concisely organized for the most effective utilization, this informative video covers the evolution, over the past thirty-five years, of concepts involved in oxide wearout, breakdown, and reliability.

Topics covered include:

- Brief history on oxide wearout
- Models for wearout and breakdown
- Characterization of wearout
- Physics, measurement, and consequences of trap generation
- Properties of the stress generated traps
- Coupling of trap generation to breakdown
- Differences between early electrical breakdowns
- Final thermal breakdown

The video includes an extensive compilation of references to literature significant within the field. Emphasis is placed on attempting to find the unifying physical and engineering principles that bind these different literary works together.

4 Hr. 30 Min.; List Price: \$775.00; Member Price: \$650.00

IEEE order #: HV7053-QVE (NTSC version); HV7054-QVE (PAL version)

Order from the IEEE Customer Service Department, 445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331, USA; e-mail: [customer-service@ieee.org](mailto:customer-service@ieee.org); phone: 1.800.678.4333; Web: <http://www.ieee.org/eab>

# Professional Activities Information Page

## This page dedicated to member professional activities information

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.

March 8: General Meeting  
April 12: Financial Seminar  
May 10: General Meeting  
June 14: 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](mailto:p.j.greco@ieee.org)

**IEEE – USA’s  
EMPLOYMENT ASSISTANCE  
WEB SITE: <[www.ieeeusa.org](http://www.ieeeusa.org)>**

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

### IEEE-USA’s Listing Service:

This highly rated job listing service gives members free information on job openings in every region of the country. To obtain current job listing, set your web browser to: [www.ieeeusa.org/jobs.html](http://www.ieeeusa.org/jobs.html).

### 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](http://www.ieeeusa.org/EMPLOYMENT/entry.html)>

### IEE-USA’s New Resume Referral Service:

Put your resume for maximum exposure! IEEE-USA in cooperation with Resume- Link has established a members-only Resume Referral Service which IEEE 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](mailto:socmember@resume-link.com)>.

### **EMPLOYMENT 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 21<sup>st</sup> Century*

Offers strategies and insights for engineers working in today’s dynamic professional environment **IEEE Members: \$20.00**

**The Engineering in Medicine and Biology Society  
(NY/North J/LI Chapter)  
together with  
The New York Academy of Medicine's Sections on  
Biomedical Engineering and Physical Medicine and Rehabilitation  
Will host a program on  
"TELE-REHABILITATION: PROSPECTS and PROGRESS"  
With Dr. Michael Rosen**

About the Program: Telerehabilitation is the application of telehealth tools and techniques to deliver rehabilitation services to both practitioners and patients in remote clinics and homes. In this presentation, Dr. Rosen will discuss the concepts, distinctions, terminology, and technologies that define the new field of Telerehabilitation. He will provide examples of the clinical services that can be provided via telerehabilitation, including:

- (1) Counseling,
- (2) Training,
- (3) Assessment and monitoring of function and health status,
- (4) Delivery of therapeutic interventions.

Dr. Rosen will also outline the technical, regulatory and economic obstacles that need to be overcome to fully realize the potential of telerehabilitation. A demonstration of current methods for real-time video interaction and sharing of data over telecommunication lines, with and without benefit of computers, will be given. Attendees will have an opportunity to interact with individuals remote from New York City via these links. Finally, the speaker will present a sample of the research and development projects now underway at the Rehabilitation Engineering Research Center on Telerehabilitation at the Catholic University of America, National Rehabilitation Hospital and Sister Kenny Institute in Washington, DC, sponsored by the Department of Education National Institute on Disability and Rehabilitation Research.

**About the Speaker:** Dr. MICHAEL ROSEN

Michael J. Rosen, PhD, is the Director of the Rehabilitation Engineering Service at the Catholic University of America, National Rehabilitation Hospital and Sister Kenny Institute in Washington DC. He received his undergraduate education at Brown University, and did his graduate work at Northwestern University, completing his PhD in Electrical Engineering, with a specialty in Biomedical Engineering in 1972. In 1975 he joined the Mechanical Engineering Department at MIT. He has specialized in understanding the mechanisms of disability and applying engineering science and design to reduce the functional deficits, which result. His areas of particular interest are communication technologies for motorically non-vocal individuals, mechanics and orthotic modification of pathological tremors, design of assistive products, and telerehabilitation. Dr. Rosen has held teaching positions at MIT, the University of Tennessee in Memphis, where he was an Associate Professor in the Department of Biomedical Engineering and Orthopedics, and at the Catholic University of America. He has collaborated with psychiatrists, neurologists, orthopedists, and allied health professionals in his teaching and research efforts, emphasizing a friendly team approach to solving patients' problems.

**MEETING DETAILS**

**DATE:** Wednesday, February 2, 2000 (mark your calendar now, February publication may arrive after February 2nd)

**TIME:** Registration 7:15 pm (no charge), Program 7:30 pm

**PLACE:** New York Academy of Medicine, Fifth Avenue at 103rd Street, Manhattan.

**TRAVEL HINTS:** If coming by car, there may be limited free parking in NYAM enclosed lot at 2 East 103rd Street. By subway, take #6 to 96th St (Lex Ave. line). Walk to 5th Avenue, walk to 103rd St. [a better route than the wavy path through a housing project on 103rd St.]

**CONTACT:** Prof. Joel H. Levitt, (212) 479-7805 (24 hr voice-mail)

**ENGINEERS WEEK CELEBRATION**  
**Sponsored by**  
**THE METROPOLITAN ENGINEERING SOCIETIES COUNCIL**

**RESERVATIONS REQUIRED**

**Date:** THURSDAY, February 17, 2000

**Time:** Buffet 5:30  
Program 7:00 - 9:00 p.m.

**Where:** The New York Academy of Sciences  
2 East 63rd Street  
New York, NY 10021

**Keynote Speaker:** Michio Kaku, Phd.  
Professor of Theoretical Physics  
Graduate Center of the CUNY

**Subject:** Visions: How Science Will Revolutionize the 21<sup>st</sup> Century

**Cost: \$30.00 – mailed reservations and check required by February 4, 2000**  
**No "At Door" payment due to limited seating**

**Please mail your check made payable to "METROPOLITAN ENGINEERING SOCIETIES COUNCIL" with the below portion of this sheet to:**

Fred Ebel, c/o Arthur J. Gallagher, 111 John St., New York, NY 10038

-----  
February 17, 2000 ENGINEER'S WEEK CELEBRATION

Fee Enclosed: \_\_\_\_\_ Phone #: \_\_\_\_\_  
First: \_\_\_\_\_ Last: \_\_\_\_\_  
Company: \_\_\_\_\_ Society: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

FOR ADDITIONAL INFORMATION, CONTACT JIM BARBERA EMAIL [j.p.barbera@ieee.org](mailto:j.p.barbera@ieee.org)  
(FAX 917-339-7163)

-----

# Calendar of Upcoming Events

## **February 2, 2000** (Wednesday) 7:30 PM

Engineering in Medicine and Biology Society together with The New York Academy of Medicine's Sections on Biomedical Engineering and Physical Medicine and Rehabilitation  
"TELE-REHABILITATION: PROSPECTS and PROGRESS"  
New York Acedamy of Medicine, Fifth Avenue at 103<sup>rd</sup> Street, Manhattan, NY  
For more information call Joel Levitt at (212) 479-7805

## **February 10, 2000** (Thursday) 6:45 PM

New York Section Vehicular Technology Society &  
New York Chapter National Railway Historical Society  
Acela Express Maintenance Shop Tour  
Sunnyside Yard is located near Queens Plaza in Queens, NY  
For information call Peter Greco at (212) 614-3357

## **February 12, 2000** (Saturday) 6:30 PM

New York Section - 2000 Fellow Awards Dinner Dance,  
Greentree Country Club,  
Davenport Neck, New Rochelle, New York  
For information call Roch Cappelli at (718) 863-9085

## **February 17, 2000** (Thursday) 7:00 PM

Metropolitan Engineering Societies Council  
Engineers Week Celebration - "Visions: How Science Will Revolutionize the 21<sup>st</sup> Century"  
For more information contact Jim Barbera e-mail: [j.p.barbera@ieee.org](mailto:j.p.barbera@ieee.org) or Fax: (917) 339-7163

## **April 12, 2000** (Wednesday) 10:00 AM to 12:00 Noon

New York Section Life Member Chapter  
Social - Open to All New York Section Life Members and Retired Members of the IEEE  
Con Edison, 4 Irving Place, Manhattan, New York  
For more information call: Phil Paterno @ 908-526-2575 or [p.paterno@worldnet.att.net](mailto:p.paterno@worldnet.att.net)

## **April 12, 2000** (Wednesday) 5:30 PM

Power Engineering Society and Industry Applications Society & PACE  
"Financial Planning Seminar"  
Con Edison, 19th floor Auditorium, 4 Irving Place, Manhattan, New York  
For more information call : Alan Osborne at (212) 460 6690 or Mike Miller at (212) 460 4911

---

**Congratulations to the following New York Section members upon  
their elevation to Senior Member Grade**

Ajay Garg  
Ngo Chiu Yeung

---

Deadlines for information to be placed into future issues of *The Monitor*

April Issue.....February 18, 2000  
May Issue.....March 24, 2000

---

## Acela Express Maintenance Shop Tour

**Co-Sponsored by:** New York Chapter National Railway Historical Society and  
New York Section Vehicular Technology Society

### RESERVATIONS REQUIRED

**Date:** Thursday, February 10th, 2000 **Time:** 6:45 PM **Tour Duration:** approximately 90 minutes-2hrs.  
**Location:** Sunnyside Yard is located near Queens Plaza in Queens. Convenient subway service to Queens Plaza is available via the E, F, G and R trains.

Acela Express is the name of Amtrak's new generation, higher speed trainsets which will enter service between Washington DC, New York and Boston in 2000. Running at speeds of up to 150 mph in selected sections of track, Acela Express is Amtrak's entry into the world of higher speed railroading.

While the design and testing of the new Acela Express trainsets have been very much in the news, a less publicized aspect of the Acela Express program are the three new purpose-built maintenance shops which will be used to maintain this new generation of trainsets. While the trainsets themselves have been delayed, the shops which will maintain these trainsets are essentially complete and awaiting the new trains. Comprising a "shop within a shop," three new Acela Express shops have been constructed for Amtrak by Bombardier in Ivy City (Washington DC), Northampton Yard (Boston) and in Sunnyside (New York City).



On Thursday, February 10th, you'll have the rare opportunity to tour the new Sunnyside Acela Express Shop. The New York Chapter of the National Railway Historical Society has thoughtfully allowed us to piggyback our tour with theirs.

Of the three shops, Sunnyside is the smallest, as most of the maintenance functions are expected to take place at the end points of the Northeast Corridor. Nonetheless, it is a modern shop well

worth visiting. As part of this Acela Express delivery contract, Bombardier is committed towards not only delivering the actual trainsets, but also providing on-going maintenance for several years. For those who have always wondered what is involved in maintaining a high speed trainset, this is your chance to join us on this tour.

- IEEE members (and their guests): \$15.00 per person.
- Non members: \$20.00 per person.

### Acela Express Maintenance Shop Tour

---

**Name(s):** \_\_\_\_\_ **RSVP to:** Peter Greco  
STV Inc.  
225 Park Av. So.  
NY, NY 10003  
**Email address:** \_\_\_\_\_ **Tele:** 212-614-3357  
**Daytime & evening phone:** \_\_\_\_\_ **Fax:** 212-529-5237  
**email:** p.j.greco@ieee.org  
(Important: in case of any changes!)

I would like to reserve \_\_\_\_\_ spaces on this tour. Enclosed is \$\_\_\_\_\_.

*Please make checks payable to New York Chapter-NRHS.* The tour meeting location will be sent to you upon confirmation of your booking. Please provide either a contact number or an email address.

# IEEE News

## BYLAWS PROJECT UNDERWAY

Sections are being asked to review and, where appropriate, update their bylaws to comply with IEEE Bylaws, Policy & Procedures, and the RAB Operations Manual. After the first of the year, packages will be mailed to Section Chairs which will provide all of the necessary materials to help you get started. The project is scheduled to be completed by the end of 2001.

## SECTIONS CONGRESS

Delegates at the triennial IEEE Sections Congress in Minneapolis, Minnesota in October developed 40 recommendations on everything from Membership Retention to Society Support for Chapters. The recommendations were reviewed at the IEEE Board Series in Snowbird, Utah on 13 November and assigned to IEEE entities for action.

You can review the recommendations and how they were assigned at [www.ieee.org/sc](http://www.ieee.org/sc). For other information on Sections Congress, contact:

IEEE Regional Activities  
Tracy Hawkins  
1 (732) 562 5512 (voice)  
[t.hawkins@ieee.org](mailto:t.hawkins@ieee.org)

## RAB ASSEMBLY RESULTS

The Regional Activities Board (RAB) Assembly met on November, 10 1999 in Snowbird, Utah. The following individuals were elected to serve on the Regional Activities Board in 2000:

2000 Vice President, Regional Activities/RAB Chair...Antonio C. Bastos  
2000 RAB Vice Chairs  
Region, Section, Chapter Activities:...Arthur Van Gelder  
Member Operations:.....Lynn A. Carpenter (Re-elected)  
Membership Activities:.....Louis A. Luceri  
Strategic Planning:.....Harry D. Bostic  
Student Activities:.....Gozde Bozdagi  
2000 RAB Treasurer:.....George R. Dean

## IEEE FELLOW PROGRAM 2000

Outstanding IEEE members may be recognized through the special membership category of IEEE Fellow. Nominations are initiated by members and the public, and then reviewed by a panel of peers. Those recommendations are submitted to the IEEE Awards Board prior to ultimate approval by the IEEE Board of Directors. Recognizing the achievements of its members is an important part of the mission of the IEEE and something your Section members can take an active part in. Your efforts in the preparation of these nominations and your participation in the IEEE Fellow Program is appreciated by the IEEE Fellow Committee.

The slate of IEEE Fellows for the calendar year 2000 is now available. You can access this information by visiting the IEEE Fellow Program page on the IEEE Awards/Fellow Activities web site at [www.ieee.org/about/awards](http://www.ieee.org/about/awards), or by sending email messages to the following auto-retrievable text files for an alphabetical listing:

Candidates with family names beginning with A-L [FEL2000-1.txt@ieee.org](mailto:FEL2000-1.txt@ieee.org)  
Candidates with family names beginning with M-Z [FEL2000-2.txt@ieee.org](mailto:FEL2000-2.txt@ieee.org)

Candidates will also be available by Section. Please direct questions to:

IEEE Awards/Fellow Activities  
1 (732) 562 3840 (voice)  
[fellows@ieee.org](mailto:fellows@ieee.org)

## **IEEE LAUNCHES NEW ONLINE STORE & CATALOG**

The IEEE has taken a major leap forward in its ongoing objective to "do business electronically" with the launch of the new IEEE Online Store & Catalog. The site went live 28 Dec, at [www.ieee.org/ieeestore](http://www.ieee.org/ieeestore). The definitive source for IEEE products, the Store is fully searchable and sells IEEE books, conference proceedings, subscriptions, Standards, mixed-media products and merchandise in a secure environment. It includes such value-added e-commerce features as shopping lists and a help desk. A kickoff promotion offers a free IEEE shirt with every book purchase. For more information, contact Terry Burns, Sales & Marketing, at [t.burns@ieee.org](mailto:t.burns@ieee.org).

## **CHAPTER COORDINATORS RETREAT**

As a result of funding initiatives approved during the November 1999 Board Series, the IEEE Technical Activities Board is sponsoring a Chapter Coordinator's Retreat, 07-09 February 2000, in New Orleans.

Chapters are a major source of new members, as well as providing technical vitality for a Society. Chapter Coordinators are the key to providing the Society with a connection to its Chapters and their members. One objective of this retreat is to give Chapter Coordinators information that will enable them to do their job more effectively and efficiently by providing them with the knowledge and resources to help them in their jobs. The retreat will hold sessions on Best Practices, Society/Chapter Communication, Technical Activities, Membership Development & Chapter Formation, and Educational Activities.

Every IEEE Society and IEEE Region has been invited to send a representative to attend the retreat, offering a unique networking opportunity to meet with other society and region Chapter Coordinators throughout the IEEE volunteer community.

An important highlight of the retreat will be the compilation of Best Practices. Each Society and Region has been asked to submit a list of their Best Practices, including successful programs currently in place, future plans and opportunities, and ideas for enhancement of current activities. These submissions will be collected for publication of a "Best Practices" manual, to be distributed to all retreat attendees. This manual will be updated on a continuous basis, with submissions being actively solicited from the Societies and Regions on a regular basis.

# *The IEEE MONITOR*

Why not advertise where 6,200 high-income enlightened New Yorkers will view your message? Consider our low rates and unique distribution. Extend your reach; put your company image where the payback is immediate and rewarding.



*The IEEE MONITOR is published monthly, except for June, July, and August and is distributed throughout the Metropolitan Area*

Mr. Advertising Executive  
Any Company  
1 Main Street  
Any City, USA

Dear Mr. Executive,

Re: Your Ad in *The IEEE MONITOR*

Send in your copy to either of the following. Indicate the number of issues you would like you ad to appear in and its size. Where better to place your ad.

Thanks for your support and contribution.

Harold Ruchelman, Editor  
c/o Con Edison, room 1500-D  
4 Irving Place  
New York, New York 10003

Paul J. Sartori, Publicity Chair, IEEE  
c/o Con Edison, room 1500-D  
4 Irving Place  
New York, New York 10003

**Help Wanted – New York Section – Positions Available – Committee Chairs  
Assistant Editor, Historian, Social Implications of Technology, Broadcast Technology,  
Engineering Management, and Vehicular Technology**

**Assistant Editor Wanted**

The New York Section seeks an Assistant Editor. This person will provide support to and learn all necessary functions in the production of the Section Newsletter – The Monitor, including layout, production scheduling, composition, editing, advertisements, writing, correspondence, etc.

The responsibilities included assisting the editor in:

- Selecting articles.
- Obtaining advertisements.
- Reviewing and approving and layouts.
- Scheduling issues.
- Holding meetings and providing an informational resource to our Section.
- Preparing an annual budget.
- Attending executive board meetings.

The current Editor is Hal Ruchelman and he is an excellent source of information and a brilliant teacher.

**Historian Wanted**

The New York Section seeks an Historian to maintain Section Records. This person will provide support to the section by keeping and maintaining an active archival file of all Section minutes including past issues of the Monitor. They will do research into pertinent issues and report at Section meetings. The responsibilities include:

- Maintaining Section records.
- Organization.
- Retrieval of information.
- Providing an informational resource to our Section.
- Preparing an annual budget.
- Attending executive board meetings.

The current Historian is Frank P. Farinella, who is retiring from this position. He will provide needed training and is an excellent source of information.

**Social Implications of Technology, Broadcast Technology, Engineering Management, and Vehicular Technology Chairs Wanted**

The New York Section seeks new chairs for these committees. Each will provide an agenda and activities appropriate to enhancing and providing activities for our members. The responsibilities of the committee Chair, which should be delegated among its members, include the following:

- Selecting speakers and other activities for meetings.
- Recruiting members.
- Reviewing and approving an agenda.
- Scheduling activities.
- Attending executive board meetings.

If you are interested in any of these opening please contact:

Michael A. Miller, New York Section Chair, 212 460-4911

C/o Con Edison, room 1006-S  
4 Irving Place

New York, New York 10003

E-mail: [MillerM@ConEd.Com](mailto:MillerM@ConEd.Com)

**Southcon®/2000**  
The Southeast's Premier Component Technology Event

**ELECTRONICS 2000**  
**One Stop Solutions**

May  
23 - 25  
2000

Orlando  
Expo Center  
Orlando,  
Florida

Southcon/2000 has the Right Product and Knowledge Solutions for Today's

- Manufacturing Engineers
- Electro-Mechanical Engineers
- Electronic Systems & Subsystems Designers
- Quality and Test Engineers

Hundreds of new product exhibits that serve the needs of the Southeast's high-growth OEM and systems technology marketplace.

FOR MORE INFORMATION:

Exhibits Management Danielle Catapano 732 562 8599 exhibits@ieee.org	Conference Management Tom Klote 407 226 2319 t.klote@ieee.org
---	--

**www.southcon.org**

Sponsored by:

IEEE Region 3, Florida Council, IEEE      EIA Sunshine Chapter, ERA

# Manufacturer Offers Free Seminars

Basler Electric will be offering free seminars on new products, addressing the concerns of designers, engineers, consultants, application and service personnel and others. Basler's New Integration Technology seminars will cover information on the application and integration capabilities of new Basler products for distributed systems, from generation through power consumption.

The New York Protective Relay System seminar will be held on March 24, 2000. The seminar will address substation automation using multifunction numerical protective relays with communications, control, and decision-making capability.

A location has not been set yet, but will be posted on their web site

<http://www.basler.com>

in the Shows and Conferences listing in the Newsletter section, as soon as it becomes available.

Lunch will be provided by Basler Electric. The seminar is offered free of charge, but preregistration is required. For a registration form and additional details for these seminars, please list Seminar Registration and your contact information in an e-mail sent to [info@basler.com](mailto:info@basler.com) and a registration form will be mailed or faxed to you.

---

## IEEE PES & IAS with PACE FINANCIAL PLANNING PROGRAM

Date: April 12, 2000

Place: Con Ed's 4 Irving Pl. Auditorium

Time: 5.30pm till 7.00pm

### THE MEETING WILL COVER

\*INVESTMENT STRATEGY  
\*STOCK SELECTION  
\*RETIREMENT IRAS/ROTHS

\*MONEY MANAGEMENT  
\*ANALYST'S PICKS  
\*BUILDING A PORTFOLIO

Further Information: Alan Osborne @ (212) 460 6690 or Mike Miller @ (212) 460 4911

---

## NEW YORK SECTION LIFE MEMBER CHAPTER

To: All New York Section Life Members and Retired Members of the IEEE.

Please join us for a social that offers a wonderful opportunity to meet old and establish new acquaintances. This event is sponsored by the Life Member Chapter of the New York Section. Refreshments will be served.

Your hosts: Frank Schink, Haroun Mahrous, Frank Farinella and Phil Paterno.

Date: Wednesday, April 12, 2000

Where: Con Edison, 4 Irving Place, NYC

Time: 10:00AM to 12Noon

More Information: contact Phil Paterno @ 908-526-2575 or [p.paterno@worldnet.att.net](mailto:p.paterno@worldnet.att.net)

# From Under the Rock

## Millenium Resolution

This will be the last year to prepare for a New Millenium resolution. The new millenium begins on January 1, 2001. Trying to determine how I want to spend the next thousand years takes some thinking, at least one year. I was thinking that if I were to lose just one ounce a year, by the year 3000 I will weigh just over 100 lbs.

I doubt very much, based on statistics, that I will be able to lose that kind of weight. Historical figures who have died thousands of years ago, no longer have a living body. The ones with living body are historical religious figures. I just don't know when my resurrection will take place, which is just as well, not knowing my resurrection date adds a little excitement to my life.

Resolutions can be fun. Hitler was asked in his "Florida-like" retirement community, what he would do differently if he were to live his life over again. He said, "No more Mr. Nice Guy." We all try to justify our actions. My brother moved to Florida and still is very aware of our weather reports. He is still hoping it was worth his while to leave civilization for our Eastern seaboard's microwave oven.

Now for my millenium resolution. To make a resolution that will last a thousand years or more requires a long-range view. Since for these years I will not be earning any money, I want to do something that is time intensive but requires no money. The first thing on my list is to be grateful.

I am grateful for the simple things in life, like being a man instead of a woman. What I like to do more than anything else is to talk. A man can talk to anybody, but a woman has to be careful, for obvious reasons. A man can walk into a bar by himself and start chatting to anybody. A woman walking into a bar by herself is not socially acceptable.

The next best thing to talking is walking. A man is free to walk long distances because after a while the body wants to relieve itself from toxins. I just stop behind a bush or tree. Also I can walk where a woman is afraid to venture because of her physical size.

After talking and walking, my last pleasure is gawking. Did you after notice men on street corners just standing

there and gawking? Well just not gawking; it is more like talking and gawking. Women don't talk and gawk, they gossip. Of course men also gossip, but not as much as women, because it is difficult to gawk and gossip.

Being an Engineer I am grateful that I never had to compete with a woman. Men just have the advantage over women in regard to engineering type thinking. Since the man's brain is superior for analytical work, a woman has more difficulty doing engineering work. Of course this is not true for all women and just as a woman can compete with a man in a golf tournament, the best man has the physical advantage over the best woman.

Now a cheerful note for women. Women can be grateful for many more things. Just for starters, women can compete with men when they can or form their own tournaments when they can't – thank you Virginia Slims. The biggest advantage a woman has over a man is that she lives five years longer than her husband does on average. How much would a man give to live just five more years?

Aside from being grateful we can always be helpful. Helping doesn't require any money. Often all that is needed is a kind word or even better a kind ear. Sit down and listen to your wife or husband, and don't forget to listen to your children. Children have much to teach us. I remember asking my 12-year-old son about his attachment to his guitar. He really loved that instrument and is now a music technology student at New York University.

At 12 years old he asked if I ever held a girl in my arms. Of course I smiled and said I had some experience. He then said, "When I hold my guitar it is like holding a girl".

Being a child offers us insights. On my refrigerator I have poster I made which has a photograph of me when I was 4 years old. The words in the upper left-hand corner neatly typed state the following: "God gave us the gift of childhood so that when we became adults we would know what to aspire to". I was really proud of that poster. My family uses it to scribble telephone numbers because it's handy scrap paper. They are so kind, they want me to take myself too seriously. Without the scribbled numbers I might think that what I wrote had some value. It only has value if I am eternally grateful for being a child at one time and knowing that being child like is my true aspiration.

Happy End to this Millenium



Greentree Country Club

# Join Us for Fun and Entertainment at the Fellows Award Dinner Dance at the Greentree Country Club



The 2000 IEEE Fellow Awards Dinner Dance Honoring the New York Section's Fellow and Region 1 Awardees will be held on Saturday evening, February 12, 2000. This year our dinner dance will be held in the beautiful *Greentree Country Club*, Davenport Neck, New Rochelle, New York, 914-636-8500, conveniently located near the New England Thruway and the Bronx River Parkway.

Festivities will begin at 6:30 P.M. with a sumptuous cocktail hour with a variety of eight hot d'oeuvres, assorted cheese, fruit, and grilled vegetable displays. You have a choice of appetizer including fresh fruit, pasta, or salad. For the main entrée you can choose between Filet Mignon, chicken, or fresh Norwegian salmon. Aside from assorted pastries, cordials, and liquors there will be dancing to live music. Black Tie Optional

Reservations for the affair may be made by completing the coupon below and forwarding it to Roch Cappelli at the address indicated no later than January 24, 2000. A special rate of \$ 75 per ticket is available for IEEE members.

The rate for non-IEEE members is \$ 150 per ticket.

Organizations wishing to be Industry Sponsors may obtain additional information and cost by contacting: Roch Cappelli at (718) 863-9085

---

## MEMBER RATE RESERVATION FORM

Send to: Roch Cappelli, 2450 Glebe Avenue, Bronx, New York 10461

Phone: 718 863-9085



Please indicate selection: Filet Mignon: \_\_\_\_\_ Chicken: \_\_\_\_\_ or Norwegian Salmon: \_\_\_\_\_

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

IEEE Member #: \_\_\_\_\_ No. of Tickets @ \$ 75 \_\_\_\_\_

Amount Enclosed: \$ \_\_\_\_\_ Make Checks Payable to: IEEE, NY Section