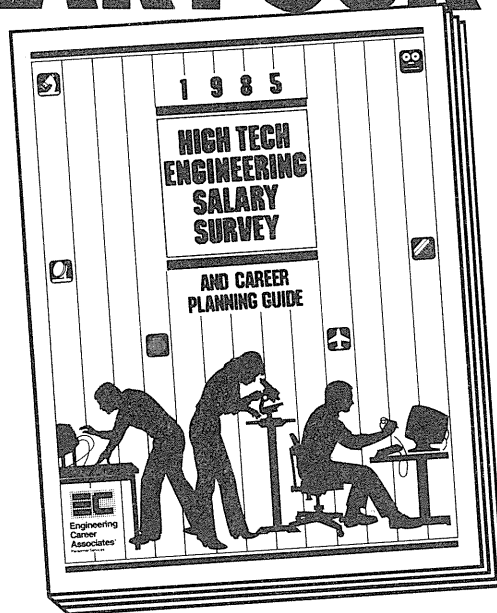


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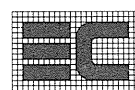
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The IEEE

Newsletter

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NEWSLETTER STAFF

Editor M.M. Perugini
Business Manager A.M. Beattie

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REPORT ALL ADDRESS CHANGES TO:
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It is not necessary to inform the North Jersey Section when you change your mailing address. The NEWSLETTER and other section mailings use a list provided by IEEE's national headquarters in New York. This means the Section has no need to maintain a mailing list or addressing plates. Section membership records are changed when Headquarters notifies us.

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Vice Chairman-1 Richard Tax
391-9075
Vice Chairman-2 John Van Savage
544-2334/2412
Treasurer Charles Coulomb
455-8547
Secretary Robert Sinusas
393-3474
Member-At-Large Richard Aiken
Member-At-Large Frank Kuhl
Member-At-Large Howard Leach
Jr. Past Chairman Anne Giedlinski

NJ Plans Chapter Re-Activation

The North Jersey Section Executive Committee will hold a meeting on Thursday, February 14th, 1985 in an attempt to re-activate the Reliability, Components Hybrids and Manufacturing Technology, or the Engineering in Medicine and Biology Chapters.

Anyone interested in serving on the administrative committee of the above or other chapters within the North Jersey Section should attend.

At the meeting, Howard Leach, Member-at-Large, North Jersey Section, will give a short overview of the IEEE Chapter functions.

If you cannot attend, but are interested in serving on a particular administrative committee, please call Mr. Leach at the numbers below. Also, you do not have to be an IEEE member to attend—everyone is welcome!

Refreshments will be served.

Time: 8 PM, Thursday, February 14, 1985.

Place: JCP&L Building, Route 24 & Punch Bowl Road, Morristown, N.J.

Directions And Information: Howard Leach, 885-3530 (W), 540-1283 (H).

Computer Integrated Manufacturing

"Computer Integrated Manufacturing The Future Is Now" is the title of the February 27, 1985 meeting scheduled by the North Jersey Computer/Communications Chapter. The speaker will be J. Ara

Barsamian, President, American Research and Analysis Corporation.

About The Talk

One application of a computer saves three trillion BTU's per year in one plant alone, or the energy of 30 million gallons of fuel oil in a chemical plant. Computers are increasingly finding their way into integration of manufacturing, not just to save energy, but to optimize processes, protect against errors, minimize inventory. In this talk, Mr. Barsamian will examine the components of a plant computer integrated manufacturing system and some of the criteria used in selecting a particular vendor's offering.

About The Speaker

J. Ara Barsamian is president of American Research and Analysis Corporation, Morris Plains, N.J., which specializes in turnkey real-time data acquisition and control systems for both defense and conventional processing industries. Previously he computerized refineries and chemical plants for Exxon for 14 years. He has also worked for the Naval Electronic Systems Test and Evaluation Facility and taught Electrical Engineering at CCNY.

He has a Master's Degree in Electrical Engineering from City University of New York.

Open To All

IEEE membership is not required to attend the meeting and free refreshments will be served.

Time: 8 PM, Wednesday, February 27, 1985.

Place: Jersey Central Power & Light, Co., Route 24, Morristown, N.J.

For Directions And/Or Dinner Reservations: Clyde Persons (201) 765-1247 or George Pick (201) 884-6040.

How Should Engineers Manage Income Taxes

“How Should Engineers Manage Their Income Taxes” is the title of the February 26, 1985 meeting of NY/NJ Chapter of Engineering Management Society. Jerome Alter, CPA will be the speaker.

About The Talk

Tax laws are changing at an unprecedented high rate of speed, becoming more important than ever for engineers to keep up with the latest tax savings opportunities. The money engineers save by knowing the tax laws go right into their pocket without any deductions.

About The Speaker

Mr. Jerome Alter is a certified public accountant and owner of his own CPA firm at 276 5th Avenue, NYC. He received his BA degree from City College of New York. Mr. Alter worked as a CPA for Seidman & Seidman, and Gluckman, Schacht and Greenberg, and became vice president in charge of finance at the Rex Baby Carriage Manufacturing Co. He is a member of the American Institute of Certified Public Accountants and the New York State Society of Certified Public Accountants. He previously has had many speaking engagements addressed to engineers and scientists on tax matters.

Time: 7:30 PM, Tuesday, February 26, 1985.
Place: Willkie Memorial Bldg., Street level, 20 West 40th St., NYC.
Pre-Meeting Dinner: 5:30 PM, Swiss Bear Restaurant, 20 E. 41st St., NYC.
Further Information and Pre-Meeting Dinner Reservations: Ms. Elaine DiLisio (212) 564-6915, Mr. John Van Savage (201) 544-2334, Manuel Correa (914) 681-6484 or Tibor Benton (516) 929-8300, Ext. 3478.

Membership in IEEE or Engineering Management Society are not prerequisite for attendance. There is also no charge.

Railroad Conference

The 1985 IEEE-ASME Joint Railroad Conference will be held at the Roosevelt Hotel in New York City from April 16 through 18, 1985. For additional details contact Tom Marple, NJ Transit, 95 Orange St., P.O. Box 720, Newark, N.J. 07101 (201) 648-7964.

CONGRATULATIONS NEW SENIOR MEMBERS

John G. Ackenhusen
Herbert H. Alrutz
Fang-Shang Chen
Albert Helfrick
Jack M. Holtzman
Michael Kerpchar
Harry T. Roman
P.R. Wickliffe, Jr.
R.M. Yurkanin
Jan P. Van Der Ziel

Get information on advancing to Senior Member grade by contacting Don Weinstein, Kulite Semiconductor, 1039 Hoyt Avenue, Ridgefield, N.J. 07657 (201) 945-3000.

NJ PACE Meetings

Monthly meetings of the North Jersey PACE Committee will be held at the ITT Tower Lobby, 500 Washington Avenue, Nutley, N.J. at 8 PM on the second Wednesday of every month. Free refreshments will be offered to all.

There are many active hot PACE Projects funded by IEEE’s USAB from which you benefit. Here’s your chance to learn about them and give your input!
Call Maitland McLarin, PACE Chairman at (201) 335-6847 for additional information.

EMS Officer Slate

The nominating committee chaired by Jack Jatlow and assisted by John Van Savage and Alex Brown, selected and recommended the new slate of officers for the Engineering Management Society (EMS), Metro New York/North Jersey Chapter:
Chairman: Al Bottani
Vice Chairman: Vern Casper
Secretary/Treasurer: Aristides Fronistas
The above slate was approved by the Chapters AdCom. Addition nominations can be solicited from EMS members and may be forwarded to M. Izaak, NYPA - 10 Columbus Circle, NYC 10013, (212) 397-7438. The Election will take place during the April 1985 monthly meeting.

Robot Dynamics And Control Video Conf

The North Jersey, New York and Princeton Sections of the IEEE are holding an important video conference on “ROBOT DYNAMICS AND CONTROL.” Presented in conjunction with the IEEE’s Educational Activities Board this One-Day Live Videoconference Via Satellite Network will be held February 27, 1985.

The videoconference will emphasize various dynamic methods for control of general purpose robotic manipulators. It will examine several different strategies for accomplishing accurate robot arm control in a practical environment. This includes coarse sensing and finite sensing through several techniques in a constantly changing environment.

The human arm goes through a huge number of techniques and sensing which we often take for granted. Applying that to be duplicated by a robotic manipulator is not a simple task. It is rather complex. However, great strides have been made. In this videoconference you will see where the technology is today and where the design issues in research are going. **See the facing page for details and a Registration form.**

Costs for this video conference are: \$75 to IEEE members; \$175 to non-members; \$25 to full-time IEEE student members; \$75 to full-time non-IEEE students.
At this time it is intended to hold the video conference at the following locations: WNET, 356 W 58 Street, NYC — and — Busch Campus Student Center, Rutgers University, Piscataway, N.J.

Directions to the Busch Campus Student Center are: From the NJ Turnpike, Rt. 1, and Rt. 18 take route 18 to New Brunswick. Continue along the new extension, following signs to Piscataway. Cross the Raritan River on the new Lynch Bridge to the light at River Road. Continue straight through light onto Metlar’s Lane. At the next light turn left onto Davidson Road. Turn left at the next street corner (Bartholemew Rd.). The center is on your right just past Fidelity Union Bank. Parking is available in two adjacent lots near the center.

For additional information and to advise of your interest you may contact: Charles P. Rubenstein, (212) 677-7420 (B), (516) 598-3448 (H); or F.J. Koblenz, (201) 344-0202 (B), (201) 665-1525 (H); or Alex Czeto (609) 771-2203 (B), (201) 541-6494 (H).

Engineering Workstations

A PANEL OF REVOLUTIONARY LEADERS

“A unique group of probably the best speakers on this subject in the world; they have never appeared together before and may never do so again.” If you have any interest in this subject, you shouldn’t miss this seminar.

A revolution in electronic design methods is altering forever the way we design. Increasing product complexity and ever shorter product market lifetimes, present a terrible design dilemma which is being met by engineering workstations.

The evolution in semiconductor technology that has allowed us to keep pushing the limits of system complexity has also reduced the cost of computing power thus allowing us to build affordable engineering workstations to manage the design of even more complex systems.

Electro ‘85 opens one day after the New York Metropolitan IEEE Council presents the most prestigious panel of Engineering Workstations revolutionary leaders. David Stamm, VP Engineering Daisy Systems; Stephen Swerling, VP Engineering, Mentor Graphics; Thomas McWilliams, VP Valid Logic, winner of 1984 IEEE McDowell Award for his work on Structured Computer Aided Logic Design; and Bruce Gladstone, President, FutureNet provide an unusual spectrum of views on this revolutionary topic. Andrew S. Rappaport, President, The Technology Research Group, with Justin E. Harlow, Fairchild; Cecelia Jankowski, Grumman Aerospace; and Kathy DeCasale, Harris GSSD will report their perspective as typical engineering workstation users.

Concluding with a panel discussion responding to audience questions, this tutorial is presented for the benefit of those who have not yet joined the engineering workstation revolution. It should help answer the question: “What CAD tools will be used by the survivors of this design revolution?”

This seminar is co-sponsored with the IEEE Maine Computer Society Chapter and organized by John Andrews, Chairman, who will act as moderator.

Fiber Optic Applications in Electrical Power Systems

The content will include a systematic treatment of fiber optics (components, waveguides and cable connectors), various modulation techniques, economics and applications in communications, measurement and control. The tutorial will conclude by covering what’s next and how to get started in implementing the technology.

The topics and speakers are:

FIBER OPTIC BASICS — A.J. Szanto, Foundation Instruments, Inc., Ottawa, ONT

VARIOUS MODULATION TECHNIQUES USED IN PRACTICE — A.L. Pachynski, Rockwell International, Dallas, TX

ECONOMICS OF LIGHT WAVE OVER CONVENTIONAL COMMUNICATION METHODS — S.A.L. Bhata, Siecor/Optical Cable Inc., Hickory, NC

GENERAL INTRODUCTION TO FIBER OPTIC APPLICATIONS — D.C. Erickson, Bonneville Power Administration, Portland, OR (and course moderator)


COMMUNICATION APPLICATIONS — D. Pineda, Institute of Electrical Research, Cuenavaca, Morelos, Mexico

MEASUREMENT APPLICATIONS — R. Malewski, IREQ, Varennes, Quebec, Canada and R.E. Hebner, National Bureau of Standards, Washington, DC

CONTROL APPLICATIONS — S.C. Sun, Westinghouse, Coral Springs, FL

WHAT’S NEXT AND HOW TO GET STARTED — D.C. Erickson, Bonneville Power Administration, Portland, OR (and course moderator)

The coordinator for this course is Len Rubenstein, Stone & Webster.

 IEEE Tutorials Registration One registration per coupon please. Photocopies accepted.	<input type="checkbox"/> Artificial Intelligence	IEEE/ERA Member	Non-Member	These prices are for advance registration received BEFORE April 11. AFTER April 11 add \$50 to the price of the tutorial.
	<input type="checkbox"/> Computers and the FCC	\$165	\$205	
	<input type="checkbox"/> Engineering Workstations	\$170	\$210	
	<input type="checkbox"/> Entrepreneurship	\$175	\$215	
	<input type="checkbox"/> Fiber Optic Applications	\$150	\$190	
	<input type="checkbox"/> Speech Recognition/Synthesis	\$155	\$195	
		\$160	\$200	
Name (Please Print) _____				
Company _____ Telephone _____				
Address _____ Extension _____				
City, State, Zip _____				
Enclosed is a check for \$_____ payable to: IEEE METSAC, 614 Hammond Street, Chestnut Hill, MA 02167. Registrations will not be accepted without payment. Names are required for registration.				

Six Tutorials Featured at Electro/85 and Mini/Micro

The IEEE Metropolitan Sections Activities Council (METSAC) and Electro/85 will cosponsor six special-fee tutorials on Monday, April 22 from 9:00 am until 5:00 pm in the Sheraton Centre Hotel Ballrooms in New York City. Registration for these tutorials must be accomplished with the coupon at the end of this article. Included in each tutorial fee are course materials, lunch and Electro/85 registration which is also valid for Mini/Micro Northeast. We urge you to register early to insure that there will be room for you.

Artificial Intelligence (AI)

This course is designed for computer software specialists, engineers and technical managers who are, or will be, responsible for AI applications. It will cover fundamentals of AI with special emphasis on building expert or knowledge-based systems (ES or KBS). Therom proving, learning approaches, and AI languages will be covered. Important applications and AI's future direction will be discussed.

Specifically the content is: Overview of AI. Introduction to ES. Basic concepts for building ES. Architecture for small and large search space. Heuristic search. Learning systems. Introduction to AI programming languages, LISP, and Prolog. Knowledge-based building tools. AI or LISP processors. Automated reasoning concepts and applications. Applications of ES for robotics, automation, management, space, military, CAE, CAT, and automated programming.

The speakers are:

Professor Robert Hong (Tutorial Coordinator) is Technical Advisor to Grumman's Director of Systems Engineering, and teaches graduate AI/Robotics courses at PINY. He is Chairman of AI/Robotics for Long island IEEE, and was a member of the AI Study Group for OSD/IDA.

Larry T. Wos, PhD, is a Senior Mathematician of Argonne National Laboratory. He is President of the Association of Automated Reasoning, and is co-author of the book entitled *Automatic Reasoning — Introduction and Applications*.

Diane Tosh is Supervisor of AI for Melpar, E-Systems. She is Chairman of AI/Robotics and Deputy Chairman of Computer Society for IEEE, Washington, DC.

Charles Bobelis is a Senior Engineer with Grumman Aerospace Corporation, participating in AI. He is Deputy Chairman of AI/Robotics for Long Island IEEE.

The FCC Closes In On Computer Manufacturers

More than any other federal agency, the Federal Communications Commission directly regulates all types of electronic data processing equipment. All such devices are regulated under Part 15 of its rules governing emission characteristics. This seminar will discuss these regulations and the means by which the FCC spots violators and how they go about enforcing the rules. One half of the seminar will also be dedicated to designing equipment for compliance at the printed circuit board level with a view towards complying at minimum cost.

Any devices that hook to the telephone network must also be registered under Part 68 of the FCC rules. The regulations and enforcement mechanisms are also reviewed. Methods for designing interfaces, including sample schematics, are presented and discussed.

The seminar speaker is Mr. Glen Dash who is a Director of Dash, Straus & Goodhue, Inc. and a partner of Mahn, Franklin & Goldenberg, PC. The organizers and coordinators of this seminar are Messers. Dash, Goodhue and Straus.

Speech Synthesis/Recognition

The use of speech as a communication interface between man and machine has been the goal of scientists since the advent of the computer age. Besides its novelty value in giving a machine human-like characteristics, it provides for more rapid communication between man and machine, while freeing the user's hands to perform other useful tasks. Recently, the area of speech synthesis has become quite well developed, with the capability to pronounce any word or phrase in a human-like manner. On the other hand, speech recognition, due to the inherent abstraction and complexity of language, has posed numerous problems. Nevertheless, much progress has been made in the area of speech recognition in the last few years. This tutorial aims to present a brief review of speech synthesis techniques and discuss in detail four major innovative applications of speech recognition systems.

The topics and speakers are:

THEORY AND APPLICATIONS OF COMPUTER SPEECH SYNTHESIS — John Cater, MCC Human Interface, Austin, TX

COMPUTER ARCHITECTURE FOR SPEECH RECOGNITION — Roberto Bisiani, Carnegie Mellon University, Pittsburgh, PA

LARGE-VOCABULARY ISOLATED WORD RECOGNITION AT IBM — Peter de Souza, IBM Watson Research Center, Yorktown Heights, NY

CONVERSATIONAL MODE SPEECH RECOGNITION SYSTEMS — Steve Levinson, Bell Laboratories, Murray Hill, NJ

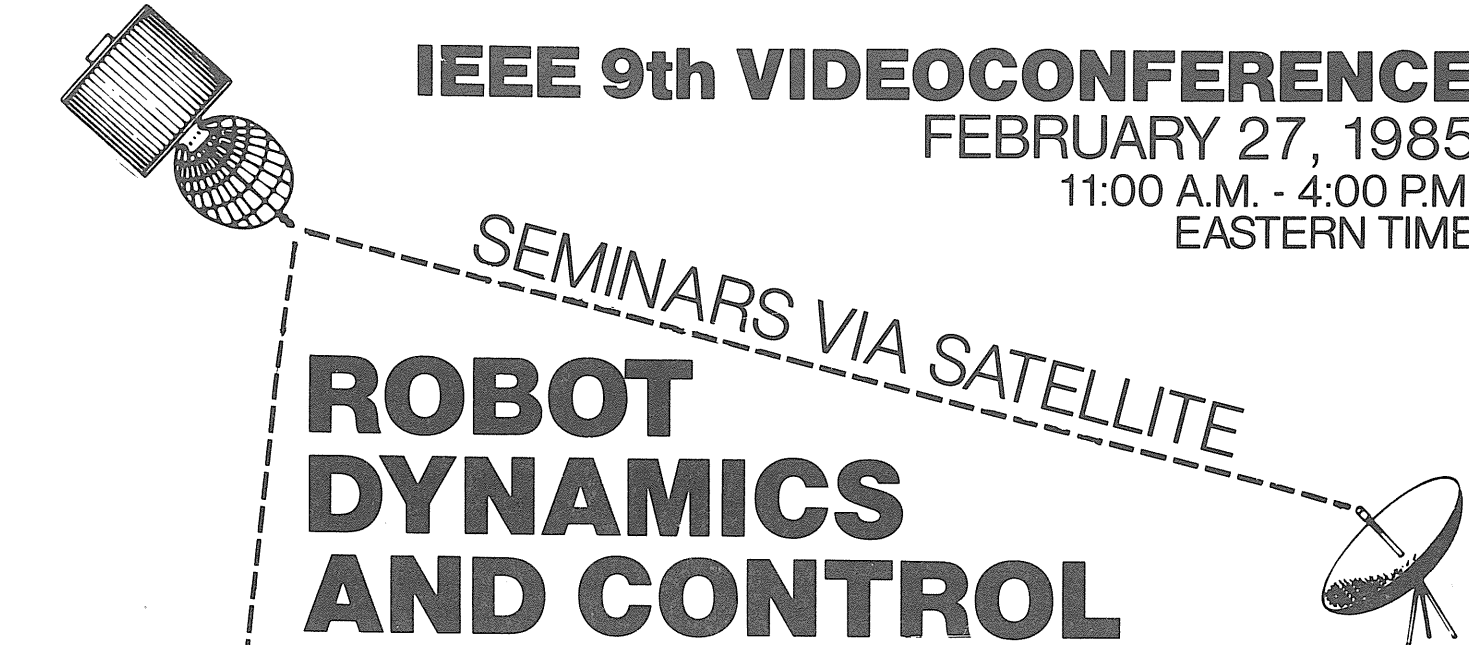
SPEAKER VERIFICATION TECHNIQUES — Richard Mammone, Rutgers University, Piscataway, NJ (and moderator for this seminar), coordinator is George Hung, Rutgers University.

The Entrepreneur and the Venture Capitalist

Questions concerning venture, risk and buyout capital abound. If left unanswered, these questions will hinder the early development of high technology companies. The average engineer or scientist may not be familiar with business and financial procedures. This is not to their discredit since these procedures can become quite complex. Venture capital organizations assist young companies in solving these unique business problems. Besides capital investment, some organizations also provide business expertise and other financial resources to support portfolio companies through difficult periods.

This tutorial provides a setting for the entrepreneur and the venture capitalist to meet and exchange information. Specific topics will include: product viability, market research and market competition. Requirements for becoming a portfolio company will also be presented.

The panel moderator is Dr. Sotirios J. Vahaviolos, President of Physical Acoustics Corp., Princeton, NJ with James Whartenby of RCA Labs, Princeton, as coordinator.



IEEE 9th VIDEOCONFERENCE
FEBRUARY 27, 1985
11:00 A.M. - 4:00 P.M.
EASTERN TIME

ROBOT DYNAMICS AND CONTROL

KEY SEMINAR ELEMENTS

- Overview of the Technology and the Process
- Presentations of the State-of-the-Art
- Discussion of Future Trends
- Live Interaction with the Presenters

SUPPORTING DOCUMENTATION - A Complete Set of Notes

- Charts
- Graphs
- Bibliographies
- Presenters' Biographies

INTENDED AUDIENCE:

This course was designed for graduate engineers preferably with some background in Control Theory. A prerequisite for students would be a course in Modern Control Theory.

PROGRAM OUTLINE

- Dr. Alan Desrochers**
Overview of the Program
- Dynamic Equations of Motion
 - Problems in Control and Assembly
- Dr. Richard P. Paul**
Modern Manipulator Task Description
- Motion Trajectories
 - Manipulator Kinematics

- Dr. Steven Dubowsky**
Advanced Control Concepts
- Adaptive Control
 - Optimal Control

- Dr. Daniel Whitney**
Robot Feedback
- Robot Contact Feedback
 - Sensor Design
 - Sensing Algorithm Design
 - Contact Sensing Tasks
 - Relation Between Active Sensing and Passive Compliance Techniques
 - Part Mating Theory

- Dr. Wayne Book**
Control of Flexible Manipulators
- Need for Compliance
 - Effects of Compliance on Design, Control and Application
 - Lighter Arms and the Resulting Compliance
 - Dynamic Models of Flexible Arm Behavior
 - Control Algorithms and the Way Compliance Affects Them
 - Strategies for Using Lightweight Arms

Panel Discussion All

• **1985 TOPICS** •

Design for Manufacturability
May 16

Fiber Optics
September 19

Expert Systems
December 4

TECHNICAL CONSULTANT

Dr. Alan A. Desrochers
School of Engineering
Rensselaer Polytechnic Institute

PRESENTERS

Dr. Wayne J. Book, Director
Computer Integrated Manufacturing
Systems Program
Georgia Institute of Technology

Professor Richard P. Paul
Dept. Computer and Information Science
Moore School, University of Pennsylvania

Dr. Steven Dubowsky
Department of Mechanical Engineering
Massachusetts Institute of Technology

Dr. Daniel E. Whitney
Charles Stark Draper Labs

REGISTRATION FORM

Please register me for the "Robot Dynamics and Control" videoconference on February 27, 1985 at: ☐ Busch Campus, Rutgers University, Piscataway ☐ WNET, 356 West 58th Street, NYC

Name _____

Company Name _____

Company Address _____
_____ Zip _____

Home Address _____
_____ Zip _____

Company Phone _____ Home Phone _____

- Fees:**
- ☐ \$75 IEEE Member Number _____
 - ☐ \$175 Non-Member
 - ☐ \$25 IEEE Student Member Number _____
 - ☐ \$75 Full-Time Student IEEE Non-Member

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Phone: (201) 344-0202 (B) or (201) 665-1525 (H).

PACE
NEWS

Professional
Activities
Committee for
Engineers

By R. Tax

Humbuggery Endorsed By ‘The Institute’

The following article “EE Obsolescence Is Predicted In Massa- chusetts” was published in the December, 1984 issue of “THE INSTITUTE.” I believe this is nothing more than insulting propa- ganda developed to demean the EE for the purpose of selling Continuing-Education courses and to justify discrimination against older engineers. This article was discussed by the North Jersey EXCOMM at their meeting on January 9, 1985. Not only do they disagree with the results of the reports but, also with the method the editors used to cover it.

EE obsolescence is predicted in Massachusetts Boston—The average age of the typical member of the Massa- chusetts engineering work force is increasing, but engineers seem to be taking few steps to prevent their technical and scientific ob- solescence. This situation exists in spite of abundant opportunities to stay current in the state, according to a recent study prepared by two researchers at Northeastern University here.

Even though high-technology companies in the state offer a “broad range” of programs and incentives to take continuing-edu- cation courses, “the level of participation in these programs would appear to be lower than that necessary to prevent the obsolescence of many of their technologists,” including engineers and scientists. The “problem of obsolescence grows more critical each day,” the report by Paula G. Leventman and Glenn Pierce states, “as an increasing proportion of engineers and scientists reach the age of 35 or older.”

The report, which was based on a survey of 14 high-technology companies, noted that managers’ evaluations of engineers’ per- formance vary closely with age. Managers consider engineers be- yond their prime at 33 years of age, while engineers themselves extend the estimate to age 37. Consequently, “the statistically typical electrical engineer can now expect to face 30 years of de- clining productivity until retirement,” the report states.

The 22-page study was sponsored by the Massachusetts High Technology Council.

IEEE has given credence to this invalid prediction by publish- ing it without question, yet many questions should be asked. Unless stopped, this humbuggery will pervade our society just as AEA’s Engineer Shortage propaganda did during 1981-1984 with the identical support of “SPECTRUM” and “THE INSTITUTE.” It is time to challenge both “THE INSTITUTE” and “SPECTRUM” on their methods of reporting.

You may recall the original Simpson-Mazzoli Bill required the return home of all foreign students for two years, however the AEA survey and press releases predicted severe shortages of engin- eers and resulted in the waiver for students studying engineering and science. The damage was done--IEEE’s “SPECTRUM” and “THE INSTITUTE” gave the American Electronics Association a huge amount of free unchallenged coverage. Also included was much innuendo about engineer obsolescence. It was later conclu- ded that the AEA’s survey and press releases were unsubstantiated and made exaggerated claims. The IEEE’s publications never made any retractions or efforts to correct their reports. They never chal- lenged AEA’s publicity and today both IEEE publications and AEA are bedding down together.

All of this has influenced public opinion. At an IEEE Manpower Task Force meeting in the Silicon Valley a young personnel mana- ger from HP stated that his engineers are obsolete four years after they graduate. This individual is in a position to do EEs some good and some harm. With his opinion, what would you predict for the future of their young engineers?

Many experienced engineers believe IEEE is a four-letter word. EDN’s 1984 survey revealed that Engineers were unhappy with IEEE. EDN said: “Although only 40.8% of those surveyed belong to the IEEE, both members and non-members expressed increas- ing dissatisfaction with IEEE’s representation of the engineer. More than half (51.6%) believe IEEE representation is poor, while only 10.9% claim it’s good.”

We will not improve their opinion if we continue to make the engineer an object of ridicule. EDN also noted that the younger lower-paid engineers have a more favorable opinion of IEEE. It would be interesting to see if they retain their favorable opinion after five or ten years of industrial experience.

Most engineers don’t look at IEEE too closely. If they did they might also notice the irreparable damage we have done by permit- ting IEEE to be used in a detrimental manner. Perhaps this is why many of us are involved in IEEE; there is always so much room for improvement.

We can’t begin to consider Continuing Education here, but obviously if there has been little success in selling it to engineers then perhaps they do not want it in its present form or they do not see it as the panacea academia says it is. Some contend under- utilization of engineers is a problem, but they still don’t believe one becomes deaf, dumb and blind at age 35.

Ephraim Weiss, from the Boston Section and a member of the Manpower Task Force said: “Such reports should not be given uncritical coverage in IEEE publications, particularly when they may be biased due to their sponsorship. However, we must also be prepared to provide a measure of journalistic support to IEEE publications in order to assist them in covering such reports. They must at the very least be prepared to present such reports with journalistic skepticism, and should NEVER issue an article based exclusively on a publicity release, regardless of the source.”

Explanations and perhaps an apology are due. Jose B. Cruz is the Vice President for Publications Activities and is responsible to the membership for “SPECTRUM” and “THE INSTITUTE.” He will be nominated for the position of President-Elect during 1985. If Professor Cruz doesn’t clean up this act quickly he might just as well stay right where he is at the University of Illinois.

Date: April 17, 1985

Time: 7 PM—RECEPTION
8 PM—DINNER

Place: CHANTICLER, Millburn
376-2222

Banquet Menu

- Reception — 7:00 PM
Tart Shells Portuguese
Stuffed Mushrooms Graham
Broiled Chicken Livers Monticello
Aubergine Supreme
Pastries Hors d’Oeuvres Assorte
Cantonese Egg Rolls - Sauce Anglaise
Frankfurter Puffs
Veal Souffles a la Oscar
Danish Liver and Potato Souffles
Quiche Lorraine
Shrimps Soto Mayer - Sauce Romanoff
Miniature Pizzas
Baked Clams Crosettie
Clams on Half Shell
Oysters on Half Shell
Veal Scallopini a la Tiberius
Chicken Montmartre
Petite Stuffed Cabbage - Hungarian Style
Baked Stuffed Shells - Sauce Marinara
Rice Pilaf
Fresh Chinese Vegetables
Baked Sugar Cured Ham
Petite Party Breads
Unlimited Cocktails
Wine and Beer

- Dinner — 8.00 PM
Salad Valencia
Assorted Imported Cheeses Passed
Imported Flat Breads
Roast Prime Ribs of Beef - Sauce Naturale
Stringbeans Almondine
Glazed Belgian Carrots
Potato Chanticler
Petite Dinner Rolls/Butter
Coffee/Cream
Chocolate Mousse
(Liquor during and after dinner - individual responsibility)



SECTION BANQUET—APRIL 17, 1985

A time to relax, unwind and enjoy —
A time to pay tribute to our New Fellows —
A time to honor our new Senior Members —
YES it’s time for the Annual Section Banquet

Following the enthusiastic response of those who attended the Banquet the past seven years, we are returning to the Chanticler in Millburn. The affair is scheduled for Wednesday evening, April 17, 1985. Each ticket is \$22.00 and includes a complete prepaid Cocktail Hour preceeding dinner. Spouses and guests are welcome.

Reservations required by April 10, 1985. Complete the reservation form below and return it with your payment. If any additional information is required concerning the Banquet, contact Richard Tax at 573-0387. Inquire about corporate tables.

Use this form for Banquet reservations enclosing a stamped self-addressed envelope. Reservations required by April 10, 1985. Mail reservation request to:

Richard F. Tax
51 Hawthorne Ave.
Park Ridge, N.J. 07656

Enclosed is _____ Please forward _____ tickets (make checks payable to North Jersey Section IEEE) to:

Name: _____

Address: _____

_____ Zip: _____

I would like to share a table (seating _____) with the following:

