Activities Reminder: Clip to Calendar

2nd Wednesday each month - Professional Activities Committee (PAC). ITT Conference Center, 500 Washington Ave., Nutley, N.J. at 7:30. All are invited to attend.

August 24 - PAC present IEEE Presidential Candidate, Irwin Feerst as Guest Speaker, at the ITT Conference Center.

North Jersey IEEE Meeting: Feerst To Speak On Recent Legal Developments

Irwin Feerst, IEEE presidential candidate, will be the featured speaker at a August 24, 1977 meeting which will be jointly sponsored by the North Jersey Section IEEE and the Professional Activities Committee. It will be held at the ITT Auditorium, Nutley, N.J., at 8 PM.

Mr. Feerst's talk "Recent Developments in the Legal Arena" will include Service Contract Act, Pensions, Professional Activities and items of interest to the practicing engineer. We invite husbands and wives of members to attend. They are vitally interested in the economic betterment of the electrical engineer and have frequently contributed searching comments and have added to the lively discussions that have accompanied similar presentations by Mr. Feerst.

Mr. Feerst received his B.E.E. degree from City College of New York in 1951 after service in the U.S. Navy during and after World War II. His M.E.E. degree was earned from N.Y.U. in 1955. To counter charges made by academicians and corporate executives that he is obsolete, he earned another M.S.E.E. degree in 1974.

From 1949 until 1962, Mr. Feerst was employed by various profit-minded corporations (CBS, AIL, Ford Instrument, General Applied Sciences Lab., etc.) in positions of increasing management responsibility. From 1962 until 1969, he was Assistant Professor of Physics and Electronics at Adelphi University, Garden City, N.Y., where he devised and taught many of the now standard graduate and undergraduate courses. Since 1969, he has been an independent consultant in areas of CRT displays, electro-mechani-
Education Committee Slates Four Courses
The N. J. Section Education Committee has scheduled four Study Groups for the fall. The Courses, set to begin in early October, are:

PRACTICAL SYMMETRICAL COMPONENTS

ELECTRICAL DESIGN FOR WATER & SEWER TREATMENT FACILITIES

RELIABILITY & ITS APPLICATIONS

LIGHTING CONCEPTS & DESIGN

FULL course outlines and registration details will be published in the September issue of "The Newsletter."

Reliability Group Sets 1977-78 Programs
The executive committee of the Reliability Chapter had its annual planning meeting on June 14, 1977 at Singer-Kearfott Division, Little Falls, New Jersey. During this meeting a tentative schedule of nine meetings for 1977-1978 was generated, as well as the outline for the 8-week Reliability course that will be offered in the fall.

It was decided at this meeting that a chapter mailing should be made twice a year with the schedule of the meetings to improve attendance. Also it was decided to establish an employment file to serve the members of the Reliability Chapter and hopefully generate interest among the members.

Research Grants
The ENGINEERING FOUNDATION announces the availability of Engineering Research Initiation Grants during 1978-1979 in fields represented by its FOUNDER SOCIETIES. The program is directed toward young full time engineering faculty members who are without research support.

A grant of $10,000 will be awarded on a competitive basis to a member of each of the FOUNDER SOCIETIES for a proposed research project in a field of mutual interest to his FOUNDER SOCIETY and to the ENGINEERING FOUNDATION.

It is expected that the investigator will devote at least one-fourth time during one academic year as part of his normal academic assignment and full time (2-3 months) during the summer following the academic year to the proposed research on the campus of his institution.

One proposal may be submitted per department on behalf of an individual who: (1) holds a full-time regular academic appointment on the engineering teaching faculty of an institution of higher education, (2) was awarded the Doctor's degree not longer than two academic years prior to the submission of the proposal or has gained several years of industrial or post-doctoral experience and is within his first two years as a full time member of the faculty.

For further information, write to the editor at the address on the front page.

Report Writing Workshop
The IEEE announces a joint effort in a "Communication and Report Writing Workshop," of a two-day duration, by the Professional Communications Group and the Educational Activities Board. The Workshop is scheduled for New Brunswick, N. J. from September 30 - October 1.

An interactive program between the students and instructors, this Workshop is designed to improve the technical writing capabilities of the participants.

Registration fees are $125.00 for IEEE Members, and $160.00 for non-Members. Enrollment is limited to 30 participants per location. Those interested are requested to contact Debbie Zemkoski, IEEE Service Center, 445 Hoes Lane, Piscataway, N. J. 08854, or phone (201) 981-0060, Extension 174.
Employment Assistance

In support of Goal II, Improving Career Conditions and Opportunities of the USAB 1977 Program Plan, the USAB is providing the following employment assistance programs:

FOR IEEE MEMBERS

JOB REFERRAL SERVICE — The IEEE/USAB staff, located in Washington, DC, maintains a list of job profiles describing available engineering positions. Upon request the USAB staff will mail copies of the current profiles. In addition, USAB staff maintains a list of members seeking employment. Upon request of interested members, names are added to this list and job profiles are mailed automatically.

EMPLOYMENT ASSISTANCE WORKSHOPS — IEEE Sections with Employment Assistance programs conduct employment workshops to assist members to find new employment. The USAB staff provide workbooks and training materials to support these workshops and will assist sections in establishing these and other employment related activities. (This service is provided for groups only.)

FOR IEEE SECTIONS

QUARTERLY EMPLOYMENT SURVEY — Every three months the USAB conducts a nationwide sample survey to determine the employment status of IEEE members. Results are mailed to all Regional PAC Coordinators, PAC Chairmen, and Section Newsletter editors. Data is available on a national and regional basis.

UNEMPLOYED STATISTICS — Data is provided by Region and Section of the number and percent of IEEE members who are unemployed as indicated by their requesting a dues status. Comparisons can be made between the two sources of data (dues status and quarterly survey) so that Sections can assess the need in their areas for employment assistance efforts.

For additional information on these employment assistance services contact: Dorothy L. Bomberger, Program Manager, IEEE/USAB, 2029 K Street, N.W., Washington, DC 20006.

Improving Career Opportunities

For employment assistance, report to your Professional Activities Committee (PAC) or to your Executive Committee. Booklets covering job hunting, salary negotiations, self-analysis, objectives, resumes, letters, systematic effort, are available for unemployed engineers. They provide many answers. Ask for booklets titled “Job Hunting” (22 pgs.) and “Employment Workshop” (32 pgs.). Booklets and assistance will also be available for members that believe they are underemployed.

All members are welcome to attend these meetings. Please tell your colleagues about this service. PAC meets on the second Wednesday of every month at 7:30 PM at the ITT Conference Center, 500 Washington Ave., Nutley, N. J. near the Tower. Section Executive Committee meetings are held on the first Wednesday of every month. Contact Ken Oxele at (201) 539-6111, X488 for the time and place.

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EMI/EMC SEMINARS

- GROUNDING & SHIELDING

This is a three-day seminar covering the design of shields for cables, circuits, compartments, boxes, equipments, sub-systems, systems, and complete vehicles. Grounding covers an exciting new systems-approach, viz., a methodology with supporting rationale and techniques for controlling EMI. Grounding for safety is also covered.

- EMI CONTROL FOR EDP EQUIPMENT
  BOSTON, MASS. — OCTOBER 4-7, 1977 — FEE: $525/STUDENT

This four-day training program on Electronic Data Processing (EDP) includes computers, peripherals, and associated interface equipments. The course has been expanded to include mini and micro-computer (microprocessors) techniques and an evaluation of various logic-family noise characteristics. EMI performance measurements are reviewed as well as EMI Diagnostic Testing in customer installations.

SUMMER/FALL 1977 TRAINING SEMINAR SCHEDULE

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FOR REGISTRATION AND MORE INFORMATION CONTACT:

MRS. ANN WALKER
DON WHITE CONSULTANTS, INC., DEPT. ADV-75
14800 SPRINGFIELD ROAD, GERMANTOWN, MARYLAND 20767, U.S.A.
TELEX: 68-2766 DWCI-GTNW
CANDIDATES FOR REGION I DIRECTOR

REX H. BEERS
During the over 20 years that I have actively participated in the activities of IRE/IIEEE, I have seen it grow in membership and stature to the point where it is a viable entity in the life of all engineers. The organization must continue to keep pace with technological progress in addressing the needs of its members in the entire spectrum of technical, professional and socio-economic activities.

Region I has been responsive to the needs of its members by supporting Institute Boards and Committees in a positive manner while actively establishing the means of assisting the grass roots members in addressing problems germane to their area. These activities would have my continued support.

A Regional Director must exercise his managerial abilities to assure that the needs of the members of the entire Region are addressed in a manner of cooperate with the resources available and to be able to serve in his capacity as a member of the Board of Directors of the Institute in an effective manner to assure that the needs of the entire membership are served economically and effectively.

In my opinion, all IEEE officers should be equally committed to professional as well as technical activities. If elected, I will endeavor to equally balance the needs of our membership to achieve the maximum results in these areas.

I support in principal the current USAB Program and would endeavor to provide direction and/or assistance in areas where our Region I members have the expertise to make a meaningful contribution.

In my participation in Region I activities as Secretary-Treasurer, Chairman of the N.Y. State Legislative Liaison Committee, as Workshop Coordinator and Vice Chairman, and my over 15 years in elected and appointed Section offices, I have had the opportunity to determine at first hand the problems that confront our members. Their deep concern for a financially and technically rewarding lifetime career is of primary interest to them. We should address our efforts toward assuring that these goals are brought closer to reality.

JACK L. JATLOW
Aim: To apply full time to improve the image of IEEE, and the professional and economic status of the engineer.

Some of my objectives are to make:
1. Technical activities the province of the IEEE Technical Societies.
2. The IEEE Board and Sections aggressive in upgrading the professional and economic status of the engineering profession. They shall employ "Publicity and Lobbying" to promote legislation beneficial to the engineering profession to:
   Require portable pension contributions by prime and subcontractors on government contracts.
   Increase allowable tax deduction limit for individual pensions by engineers.
   Change "Engineering Cost" to "Engineering Experience" as a factor in determining contract awards.
   Enable the older engineer to professionally contribute in a changing technology.
   Include engineering professional standards as part of government contracts.
   The IEEE act on infractions of above.
   The IEEE President speak out publicly (via communications media) on legislation affecting the profession.
   The IEEE actively participate to avoid planned actions that may hurt groups of engineers.
   The IEEE independent from Industry Support but cooperate with industry for mutual advantage.
   Our publicity and public relations expanded and more effective.
   Upgraded requirements for IEEE Membership.
   College accreditation requirements compatible with IEEE standards.

JAMES E. SHEPHERD
IEEE's directors and officers must ensure that IEEE continues to do well in those activities that serve the technical needs of a majority of IEEE members, while it continues to search for workable positions on professionalism for engineers.

IEEE members are working at many different technical and professional levels, and in many different specialties. IEEE must continually find better ways to make available to each such working engineer the latest and most advanced ideas which he will need to keep his engineering solutions current and competitive. IEEE's policies on publications and public presentations must help each such working engineer in the optimum way by encouraging rapid and wide dissemination of new ideas; and must simplify the personal exchange of technical information through open meetings, committees and standards activities of its many technical groups and societies.

IEEE must work to elevate the quality of engineering graduates through improved accreditation procedures, while encouraging entry into engineering college curricula by only the most competent high school students. IEEE must continue to contribute opportunities for competent "continuing education" for practicing engineers.

Nationally, IEEE must continue pushing actively for laws which support truly portable benefit plans for engineers, for fairness in contracts involving engineers, for non-discrimination because of age alone, and for backing its stand on the application of ethics in the practice and employment of engineers.

Regional Directors must push IEEE into increased legislative contacts at the state level, as in New York and Massachusetts, and toward maximizing member services of local IEEE sections and student sections.

HANS C. CHERNEY
Technical and Professional activities must feed on each other and cooperate for the benefit of the Engineering profession and industry. While Technical Activities enhance the standing of the profession, Professional Activities create the environment conducive to technological advancement and excellence.

Therefore, I strongly support:
1. The traditional technical functions of the Institute.
2. The creation of an environment in which members can be insured a life time career in engineering by eliminating overt and covert discrimination against engineers over 40 in job assignments, hiring and promotions.
3. Involvement in the national government arena and development of a voice in state government for the benefit of the profession and public.

Dissemination of realistic engineering manpower supply and demand information and speaking out against misleading statements and statistics.

Promoting: Enhanced employment guidelines; Improved quality of the Engineering profession; and Adherence to the Code of Ethics.

Two-way communications with members through personal visits to the sections.

I have been actively involved with Professional Activities on a national level and would like to represent the interests of Region I members.

A Salute To Apathy
Bless you, North Jersey IEEE members for your indifference!

Had each of you 5,000 members voted in the recent IEEE election, it would have taken many more weeks of effort to check the names and tabulate the votes. Hurrah! you didn't do this to me. Only 100 engineers voted. This is a reasonable number of votes to count.

The new Executive Committee will also be cheered: There are only 100 members whom it is necessary to please.

Political leaders (Governor, etc.) and the state will be cheered as well. As a viable political force North Jersey IEEE (the largest grouping of engineers in the state) is politically impotent. Only 2% of those members have an interest in what is going on. The issues can adequately be handled by the unions, lawyers, doctors, businessmen, teachers, and other groups who do have a commitment to action.

Well done! and thank you.

Bob McMillan
Chairman, Nomination Committee