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CALENDAR OF EVENTS

For reservations call the IEEE office at 236-4609

(unless otherwise indicated)

COPY DEADLINE: 38 CALENDAR DAYS PRIOR TO PUBN. DATE

DEC. 5	"Cellular Telephones"	Power Engrng. Soc.	Carson Pirie Scott Wabash & Monroe Sts. Highland Rm., 8th Fl.	Social Lunch Meeting	11:30 AM 12:00 PM 12:30 PM
11	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	McDonald's Plaza NE cor. McDonald Dr. at 22nd, Oak Brook, IL	Meeting	7:30 PM
12	"Design & Appl. of Fiber Optics Comm. Systems"	Industry Appls./ Industrial Elec- tronics Soc.	Mr. Peter's Restaurant 1018 Mt. Prospect Plaza (NE cor. Rand, Central)	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
1985 JAN. 8	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	McDonald's Plaza NE cor. McDonald Dr. at 22nd, Oak Brook, IL	Meeting	7:30 PM
9	"Magnetic Recording"	Industry Appls./In- dustl. Electronics Soc. (j/w ISA)	Mr. Peter's Restaurant 1018 Mt. Prospect Plaza (NE cor. Rand, Central)	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
9	"5-35 KV Medium Voltage Switchgear"	Power Engrng. Soc.	Carson Pirie Scott Wabash & Monroe Sts. Highland Rm., 8th Fl.	Social Lunch Meeting	11:30 AM 12:00 PM 12:30 PM
15	"Digital Signal Processors"	Communications Soc.	Sheraton-Naperville 1801 N. Naperville Blvd., Naperville, IL	Dinner Meeting	6:15 PM 7:00 PM
15	"Medical Electronics or Robotics"	Northwest Sub.	Mr. Peter's Restaurant 1018 Mt. Prospect Plaza (NE cor. Rand, Central)	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
26	Seminar - "Distrib. Control Systems"	Power Engrng. Soc.	Wilton Manor, 2200 N. Main St., Wheaton, IL	8:00 AM--5:00 PM	
30	"Progress & Prospects for Fusion Power"	Fox Valley Sub.	Wilton Manor 2200 N. Main St. Wheaton, IL	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM



UPDATE

"97 YEARS OF Magnetic Recording with Practical Applications" will be presented by the Industry Applications/Industrial Electronics Society, joint with the Instrumentation Society of America on January 9, 1985.

Modern recorders were developed by experimenters with wire, tape, discs, stationary and rotating heads, high frequency bias, analog, digital and f-m concepts. Their history and evolution, and description of some standard and unusual devices with applications to instrumentation and control will be followed.

The speaker will be Dr. Marvin Camras, Sr., Scientific Advisor with the IIT Research Institute. He has contributed developments which are used in modern magnetic tape and wire recorders, including high frequency bias, improved recording heads, wire and tape machines, stereo-phonetic sound reproduction and video tape recordings. He holds over 500 patents in his principal fields of endeavor — magnetic recording, remote control, high-speed photography, magnetostriction and static electricity. In addition, Dr. Camras is the author of over 40 publications and is the recipient of numerous honors from the scientific and engineering community. He is a Fellow of the IEEE and a member of the National Academy of Engineering.

The meeting is free. Dinner cost is \$10.00 for IEEE members and \$12.00 for non-members. See Calendar of Events for meeting location and time.



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IEEE 1985 RECOGNITION DINNER will be held on Saturday, April 27 at the Drake-Oak Brook Hotel.

Members of the committee making plans for the gala social and honoring event are:

Christine Ziola	- Chairperson
Frank Lakowski	- Secretary
Trevor Hinchliffe	- Treasurer
Bill Filetti	- Solicitations
Andy Gasiorowski	- Institutional Coord.
Steve Smidler	- Tickets
George Stout	- Section Coordinator

Keep April 27, 1985 open and watch future Scanfax for more information.

AGE DISCRIMINATION 'HORROR TALES' REPORTED AT TOP ENGINEERING FIRMS — Age discrimination by some top engineering employers still poses "a serious constraint to a lifetime career in engineering," said Walter R. Nial, Chairman of the IEEE U.S. Activities Board's Age Discrimination Committee. Speaking during a session September 2 at the 1984 Professional Activities Committees for Engineers (PACE) conference, Mr. Nial said polls show that age discrimination — even though it has been illegal since 1967 — is evident among every type of industry at every level of employment. Among engineering employers, he said, "horror tales are abundant," and he offered several examples regarding perceived attitudes on age bias: • The chairman of the board of a top engineering employer, contended Mr. Nial, "addressed a meeting of his vice presidents and general managers and said, 'Anyone who has not risen into the ranks of management by the age of 40 is worthless.'" This "set the stage for age discrimination within the company," Mr. Nial concluded. • An IBM Corporation manager, who had just attended an IEEE presentation on the age-discrimination law, said "I will hire engineers between 25 and 35, but I will not hire engineers between 35 and 45."

Overall, Mr. Nial said that the number of age-discrimination charges against employers is increasing and court settlements favoring the individuals are also rising. He cited some employee-won cases, involving such firms as Westinghouse Electric Corporation, Burroughs Corporation, and Textron Inc. Mr. Nial also charged major engineering employers, whom he did not cite, as establishing a "salary cartel" that recommends general wage levels for engineers based on age and "totem polling," which Mr. Nial described as a "subjective" method of evaluating engineers' performance.

As the demographics of the United States changes — in 1983, people over 65 years old outnumbered teenagers for the first time in U.S. history — the number of complaints and litigation involving age bias is sharply increasing, according to the Federal Equal Opportunity Commission. A number of recourses — outlined in several USAB pamphlets — are available for IEEE members who feel they are the targets of age discrimination, which is illegal from age 40 to 70. In addition, USAB recently approved a set of procedures for members to follow in requesting assistance in age-bias cases.

For more information, contact: John Waters, PACE Chairman • IEEE Office • 125 South Clark Street • Chicago, Illinois 60603. (Reprinted from *THE INSTITUTE* November 1984)

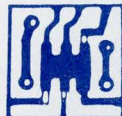
1983 INDEX TO IEEE PUBLICATIONS — In 1983, IEEE's massive periodicals and book publishing programs accounted for over 120,000 technical pages. The annual Index is the only index that covers the totality of IEEE publishing and provides quick access to all IEEE-published papers, articles, conference records and other communications covering every facet of electrical/electronics/computer science and engineering. It lists over 21,000 technical items and contains 130,000 entries. Information is provided by author and subject.

The Author Index contains a primary entry for each item arranged alphabetically under the name of the first author. Complete bibliographic information, including co-author names, title of the item and type of item is given. The Subject Index, also arranged alphabetically, contains multiple index entries for each item, as well as cross-reference pointers where required by subject matter. The Index covers 52 periodicals — including the IEEE Transactions, journals and magazines specializing in various sub-fields such as biomedicine, geoscience, nuclear and plasma science, pattern analysis, oceanic engineering and cybernetics. Access to over 50,000 periodical pages is provided. In addition, it covers over 70,000 non-periodical pages, including all new IEEE and ANSI/IEEE Standards, IEEE Press Books, IEEE Technical Reports and miscellaneous publications. The Index cites all papers presented at over 100 major IEEE-sponsored conferences held worldwide.

The Annual Index is an essential reference for all those who need to keep abreast of new developments in science and engineering. The 1983 Index to IEEE Publications (JH68916) is priced at \$100 for IEEE members and \$190 for non-members. It can be ordered postpaid from the IEEE Service Center, 445 Hoes Lane, Piscataway, N. J. 08854.

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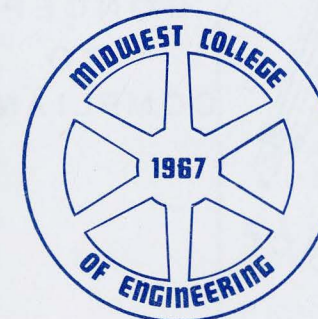
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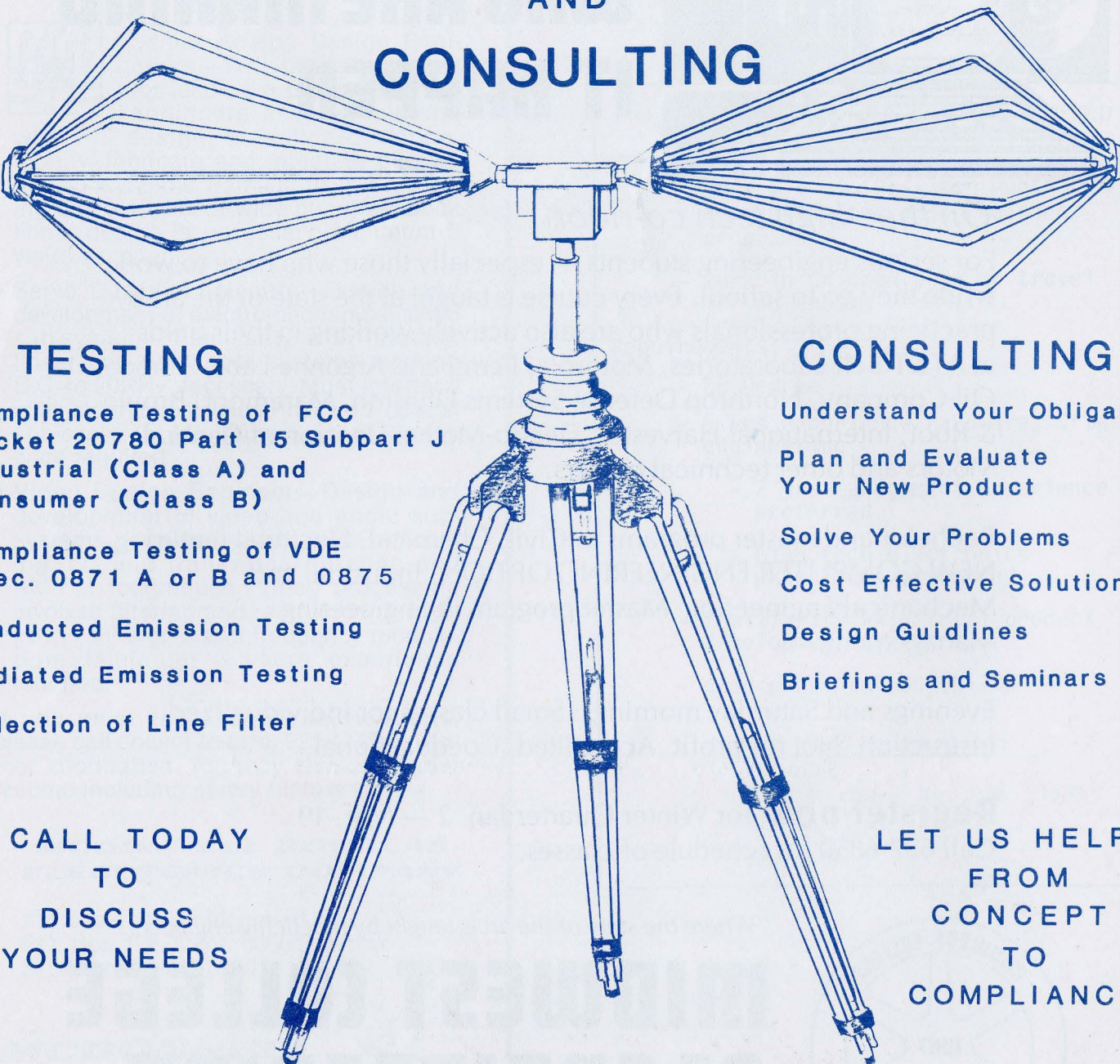
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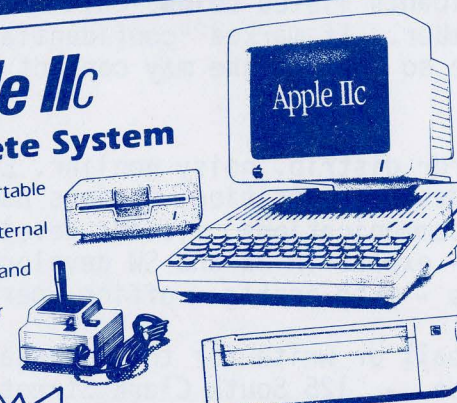
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- AW - Gen'l admin exper mgr engrg - mfg sales - mktg acct'g - office oper'ns hi tech.

If you are an IEEE member and unemployed, call or write for the necessary form. Direct your request to: IEEE Placement Service • 125 South Clark Street - Room 1545 • Chicago, Illinois 60603.

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