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C A L E N D A R O F E V E N T S

For reservations call the IEEE office at 236-4609
(unless otherwise indicated)

COPY DEADLINE: 25th OF THE MONTH PRECEDING PUBN.

SEPT. 11	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	McDonald's Plaza NE corner McDonald Dr. at 22nd, Oak Brook	Meeting 7:30 PM
17-21	Holm Conference	IIT, IEEE CHMT Soc.	Palmer House State & Monroe, Chgo.	(Doug Smith, 789-3750)
19	Technical Meeting	IEEE Chicago Sec.	Wilton Manor Wheaton	(See article & details below)
24-25	Tech Fair	BPI	Oak Brook Marriott 1401 W. 22nd St.	(For informa., 1-800: 328-4032)
24-26	1984 Natl. Comms. Forum/National Electronics Conf.	National Engrng. Consortium & 14 midwestern univ.	Ramada O'Hare Hotel 6600 Mannheim Rd. Rosemont	(For informa., Bob Janowiak, 828-0491)
30-10/4	IEEE IAS 1984 Annual Meeting	IEEE Industry Applications Soc.	Palmer House State & Monroe, Chgo.	(Inf./reg., Glenn Griffith, 333-3000)

CENTENNIAL CELEBRATION CHICAGO SECTION SPONSORED TECHNICAL MEETING

WEDNSDAY SEPTEMBER 19TH 1984

WILTON MANOR 2200 N. MAIN ST. WHEATON, ILLINOIS

COCKTAILS 5:30 DINNER 6:30 GENERAL MEETING 7:30 TECHNICAL MEETINGS 8:15

GENERAL TOPIC SPEAKER — MR. JAMES B. OWENS — 1983 IEEE PRESIDENT
"THE FIRST 100 YEARS OF IEEE"

CONCURRENT TECHNICAL MEETINGS

INDUSTRY APPLICATIONS SOCIETY — FOX VALLEY SUBSECTION
"LINEAR MOTORS"

COMPUTER SOCIETY — ENGINEERING MANAGEMENT — PROFESSIONAL COMMUNICATIONS
"UNIX"

COMMUNICATIONS SOCIETY
"TOLL DIGITAL SWITCHING"

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INCOMING CHAIRMAN'S STATEMENT - As Incoming Chairman, I want to thank the Nominating Committee for displaying confidence in me by submitting my name for Chairman. I will be continuing the work that a very able Bill Everson initiated. It is very exciting to be in office at the time of IEEE's Centennial. Both Bill and I attended the Section's Congress at Boston in May where Section representatives voted on issues that were to be presented to the Board of Directors. It was interesting to note that most sections share common problems. I have several goals for the coming year. One is to enhance our publication Scanfax, and another is to tighten our financial accounting. I will be seeking the Executive Board's assistance in these matters. Do not forget our September 19 Technical Meeting. The unique format of this meeting allows engineers from different fields to meet one another. This meeting is the Chicago Section's contribution to IEEE's Centennial activities.

George M. Thomas
George M. Thomas
Chairman Chicago Section

IEEE ACCREDITATION BOARD FOR ENGINEERS AND TECHNOLOGY (ABET) is seeking a number of qualified Ad Hoc ABET visitors for accreditation visits to Engineering and Engineering Technology programs. It is IEEE's policy that at least one-half of each of the Ad Hoc Visitors Lists be persons currently employed in industry or government. The Chicago Section has been asked to nominate individuals from either government, industry or academic institutions. Visitors are needed for electrical engineering, electronics engineering, computer science and engineering, and related engineering programs; and for electrical technology, electronics technology, computer technology and related technology programs. The Chicago Section must make its recommendations by October 1984 to the IEEE Education Activities Board (EAB). Those individuals requesting consideration or information regarding the program should contact Hank Korman, Vice Chairman at 893-9352.

PLACEMENT SERVICE - The Chicago Section is now offering a Placement Service for its members free of charge intended for those who are Member Grade and above. If interested in any of the applicants listed below, call the IEEE office (236-4609) for their name and phone number. Applicants should call the IEEE office for instructions on listing. The IEEE and Electric Association waive any responsibility in determining the creditability, accuracy or qualifications of applicants or employers.

AL - Electrical Engineer - design or research & development gas discharge dev.
AM - EE with computer & Fortran compiler seeks full time Fortran progr. N-NW.
AN - Design Product Engineer - control systems, communications, microwave.
AO - Computer Hardware Engineer - digital circuit design.
AP - Spacecraft electrical design & test - wire & connectors - EMC.
AQ - Cad/Cam entry level designer for the automotive related industry - 3 yrs. exp.
AR - Engineering Manager/Project Manager - industrial systems, power, controls.

THE HOLM CONFERENCE ON ELECTRICAL CONTACTS will be held at the Palmer House September 17-21, 1984 in Chicago. The Conference is jointly sponsored by IIT, IEEE Components, Hybrids and Manufacturing Technology Society and other organizations. The Chicago Section has the fourth largest number of CHMT members in the world. We have been asked to provide a membership information booth at the Conference. If you are willing to staff such a booth for a limited period of time, please contact Doug Smith our Membership Chairman at 789-3750. Beginning in 1985, the primary sponsor of the Conference will be IEEE CHMT. Any of you who are interested in stimulating local CHMT activities should contact our Vice Chairman, Hank Korman, 893-9352.

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Change of Address

A change of address form is included in each issue of SPECTRUM. Your local post office will also supply you with cards, mail to Roseann Schultz, Member Services, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. Include your SPECTRUM mailing label if possible. We cannot forward this information for you, so please do not send it to the local office.

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Professional Activity

UPDATE

PACE UPDATE - September starts the 1984-85 year of activities for the Chicago Section and the various associated societies. It is appropriate for professional organization members to begin a new year at this time - it offers a continuum with the school semesters preparing for an engineering career. As we prepared for the new school term, we can perhaps remember the anticipation and even enthusiasm we had for the new learning experiences ahead of us. Those feelings need not be in the past - you can again have that desire to learn. Look at the listing of meetings in this issue. Attend meetings and expand your knowledge in your chosen field. This will help reduce the chance of technical obsolescence and provide greater job stability.

For most of us college days are memories and we are enduring the harsh realities of the working world. As we face frustrations in building a career it is good to know the IEEE United States Activity Board (USAB) is working to get legislation enacted that will improve engineering careers. The IEEE Board of Directors has approved about 30 position papers on subjects ranging from immigration reform to advocacy positions on nuclear generation. A persistent effort is made to present the IEEE position at legislative committee sessions not only in Washington, D.C. but also at State Governmental levels.

In Illinois the Professional Activities Committee for Engineers (PACE) works through the Illinois Engineering Council (IEC) to influence legislation of interest to engineers. The best way to influence legislation is through a local constituency. Personal phone calls, or visits, letters to a Senator or Congressman help support IEEE efforts to have the proper laws enacted. So rather than feel we have little control over the forces that shape our destiny, we can become involved with a minimum of effort.

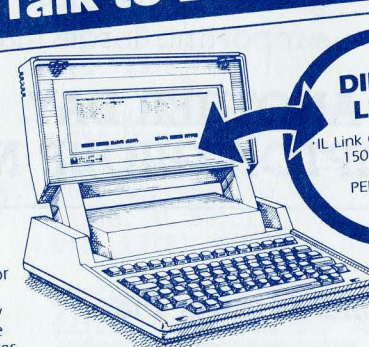
During the next few months this column will report on the status of various changes in the law of interest to the engineering community and we will encourage your support.

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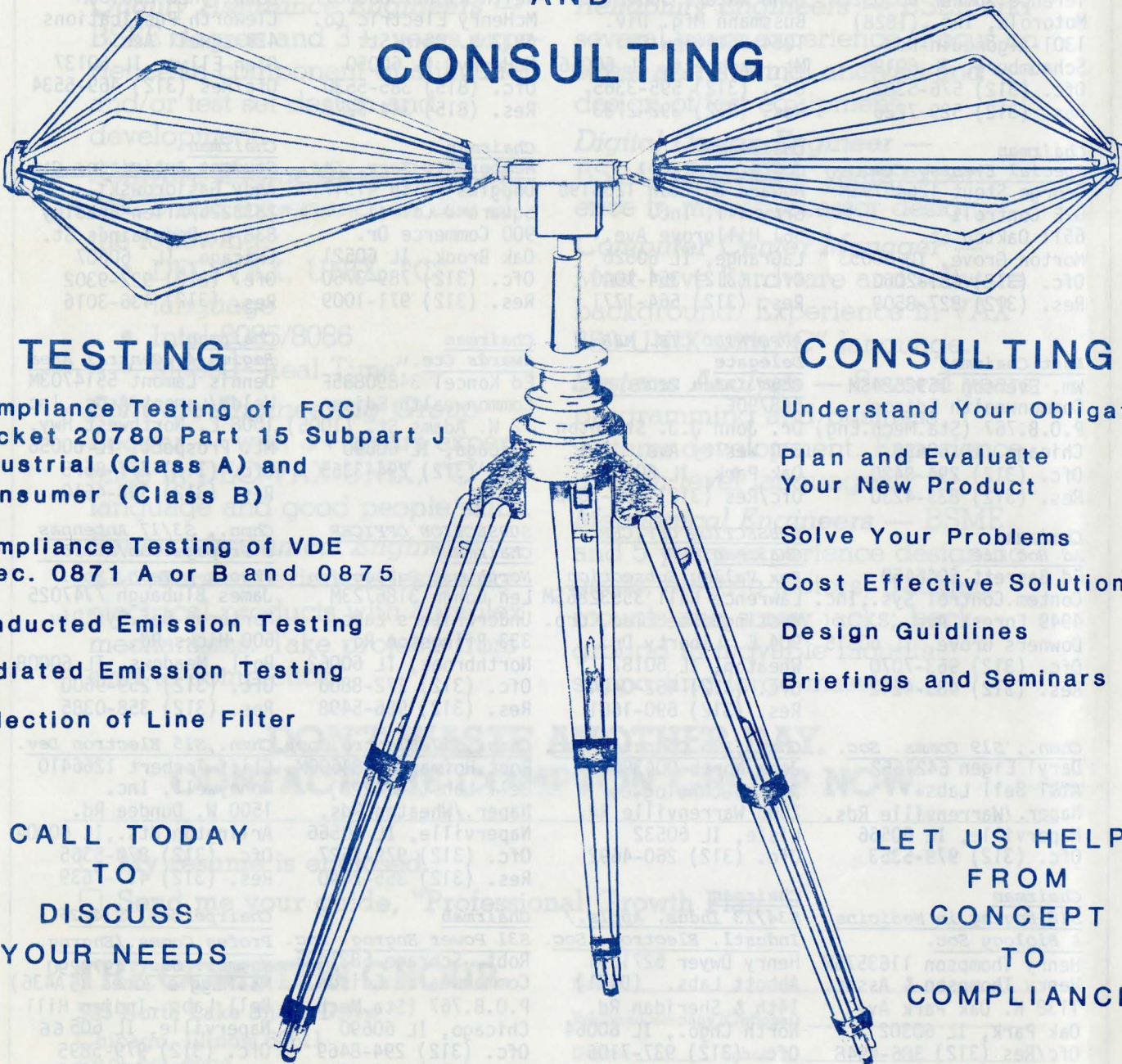
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INDUSTRY APPLICATIONS SOCIETY
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We are delighted to extend an invitation
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of the IEEE Industry Applications Society,
in the great metropolis along the west-
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was last held in Chicago in 1976, and since
then the city has been building. The world's
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planned. Included will be panel discus-
sions, and approximately fifty technical ses-
sions with approximately two hundred
twenty five technical papers and tutorials.
Authors come from around the world. You
will have opportunity to meet and exchange
information with engineers in your own in-
dustry as well as with those solving similar
problems in other industries. You will be
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portunities to meet the challenges of these
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annual meeting, and their equal will be
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In addition to the technical program, you
will be informed and entertained at the Pres-
ident's Centennial Luncheon. Our speaker,
Mr. Charles Ruch, will present a slide-illus-
trated talk on the early period of electrical
technology covering the ac systems de-
veloped by George Westinghouse and
Nikola Tesla and describe some of the com-
petition with Thomas Edison's dc systems.
Also, we will have an awards luncheon to
honor those who have made significant con-
tributions to the IAS. The Monday Night
Social will give you a good opportunity to
meet old friends and make new ones.

Interesting tours are planned for all.
Tours for spouses will include: Long Grove,
noted for antique shops and boutiques; the
Merchandise Mart with a fascinating dis-
play of model rooms; and Frank Lloyd
Wright homes and church. Technical tours
will include the 80" hot strip mill, com-

(cont.)

puter-controlled blast furnace and utility
dispatch center at Inland Steel; Underwrit-
ers Laboratories, where in the electrical,
signal, heating, refrigeration and chemical
departments you will see the testing of ma-
terials and equipment for safety certifica-
tion; and the Fermi National Accelerator
Laboratory, where you will have opportu-
nity to learn about the latest developments
in the area of high energy physics being
discovered in the proton accelerator, which
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Both the Calumet and Chicago Sections

of IEEE join in this invitation. We look
forward to seeing you in Chicago.

Society President is Richard S. Nichols
- Cornell, Howland, Hayes, Merryfield &
Hill. Society Vice-president is Leonard S.
Corey - Eastman Kodak Company. 1984
General Meeting Chairman is Wayne L.
Moser - Amoco Chemicals Corp.

For information on registration please
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- **ELECTRICAL HARNESS DESIGN**
- **AUTOMATIC TEST EQUIPMENT DESIGN**
- **COMMUNICATION SYSTEM DESIGN**
- **INSTRUMENTATION SYSTEM DESIGN**
- **ELECTRONIC PACKAGING AND PRINTED CIRCUIT DESIGN**
- **GUIDANCE AND NAVIGATION SYSTEM INTEGRATION**
- **ANALOG CIRCUIT DESIGN**
- **INSTALLATION AND LAYOUT DESIGN**
- **NUCLEAR HARDENING AND EMC ANALYSIS**
- **TELEMETRY AND RF SYSTEM DESIGN**
- **ELECTRICAL POWER SYSTEMS**

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- **NAVIGATION/GUIDANCE ANALYSIS**
- **STABILITY/CONTROL ANALYSIS**
- **S/W REQUIREMENTS ANALYSIS**
- **MIL-STD-1679, MIL-STD-483**
- **S/W VERIFICATION & VALIDATION**
- **REAL-TIME SYSTEMS**
- **POWERED FLIGHT MECHANICS**
- **ORBITAL FLIGHT MECHANICS**
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Featured luncheon speakers will be: Robert W. Galvin, Chairman-Motorola, Inc., John J. Pappas, President-AT&T Teletype, Howard Anderson, President-The Yankee Group.

A 32-page booklet describing the seminars is available by writing or calling Robert M. Janowiak, Executive Director at National Communications Forum, 505 North Lake Shore Drive, Suite 4805, Chicago 60611, (312) 828-0491.

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