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CALENDAR OF EVENTS

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

COPY DEADLINE: FIRST WEEK OF THE MONTH PRIOR TO PUBLICATION

DEC.	9	Monthly Meeting	IEEE Executive Cte.	Brown & Root Offices 701 E. 22nd St. Lombard	Meeting	7:30 PM
	10	"Advances in Numerical Control & Machine Tools"	Indus. Appls. Soc. & Control Instrumenta. (j/w Fox Valley Sub.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
	10	"Fiber Optics in Substations"	Power Engrng. Soc.	Carson Pirie Scott Wabash & Monroe Sts. Highland Rm.#2,8th fl.	Social Lunch Meeting	11:30 AM 12:00 PM 12:30 PM
	25	MERRY CHRISTMAS!				
1981						
JAN.	1	HAPPY NEW YEAR!				
	7	"Adjustable Speed Drives"	Power Engrng. Soc.	Carson Pirie Scott Wabash & Monroe Sts. Highland Rm.#2,8th fl.	Social Lunch Meeting	11:30 AM 12:00 PM 12:30 PM
	13	Monthly Meeting	IEEE Executive Cte.	Brown & Root Offices	Meeting	7:30 PM
	14	"Operation & Control of Nuclear Pwr.Sta."	Indus. Appls. Soc. & Control Instrumenta. (j/w ISA)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
	21	"Radar & Radar Detectors"	Northwest Sub. (j/w Power Engrng. Soc. & West.Soc.of Engrs.)	Mr. Peters Rest. Rand Rd. (Shop. Mall) Mount Prospect	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM

We Wish You A Merry Christmas..



And A Happy New Year!!

NORTHWEST SUBSECTION ENDS TENTH YEAR ANNIVERSARY

1980 has been a tenth anniversary year for the Northwest Subsection. Since its first meeting on January 22, 1970 the Northwest Subsection (NWSS) has been serving IEEE members in the northwest portion of the Chicago Section. The territory of the Northwest Subsection consists of those portions of Cook, Lake and McHenry Counties that are north of Lawrence Avenue and west of Edens Expressway. The Subsection has approximately 1,500 members which comprises nearly one third of the Chicago Section. Roughly 80% of the Subsection's members are in the northwest portion of Cook County. With the completion of this decade, it seems like an appropriate time to review what the Subsection is and how it serves its membership.

Subsections are established to serve the needs of members located in areas which make it inconvenient for them to fully participate in the activities of the parent section. They are geographical subdivisions of a section. In the case of Northwest, there were a large number of IEEE members living in Chicago's northwest suburbs. It was inconvenient for many of those members to travel into the city to attend technical meetings. The founders of the Subsection felt that there should be local meetings for the suburban members to attend. So with the guidance of its sister Subsection, Fox Valley, the Northwest Subsection was founded.

Over the last ten years, some of the chapters have begun holding their meetings in the northwest suburbs. The original motivation for starting the subsection may no longer apply. However, the Subsection is a highly successful organization serving a definite need within the Chicago Section. NWSS holds five evening dinner meetings per year in the northwest suburbs. Meeting topics vary greatly in order to satisfy the wide range of interests of its members. The May meeting on "FCC Regulations for EMI" and the September meeting on "Electronic Speech" had better than 70 people in attendance. The Subsection's executive committee hopes to continue bringing programs like these for many years to come. All Chicago Section members and their guests are welcome and encouraged to attend Northwest Subsection meetings.

WHERE IS BOB LOEWE?

To the many who have asked about Bob Loewe — he is now officially retired. The doctor doesn't want him climbing around bus work or doing work that is too demanding on the body. Bob tells us he is available for consulting work in industrial control, distribution, relay and fuse coordination studies and many more electrical engineering subjects. Need help? Call him at 248-2100, extension 704.

CHANGES IN CHICAGO SECTION ORGANIZATION ROSTER

Please make the following underscored changes in your 1980-81 Chicago Section Organization Roster published in October: *Secretary William Everson* — Commonwealth Edison Company, 1319 South 1st Avenue, Maywood 60153, ofc. (312) 450-5300, also *Chairman, Student Activities Committee Michael Barnes* — Motorola, Inc. (3719), ofc. (312) 576-5903.

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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 Schulz, Member Services, IEEE Service Center, 445 Hoes Lane, Piscataway, N.J. 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.

Professional Activity

UPDATE

U.S. MAY LOSE COMPETITIVE EDGE IN SCIENCE AND TECHNOLOGY, WHITE HOUSE STUDY FEARS

A White House study of science and engineering education warns that the U.S. may be heading toward scientific illiteracy and notes that our declining emphasis on science and math is "in marked contrast to other industrialized countries." Japan, Germany and the Soviet Union provide rigorous training in science and math "for all their citizens," the report states. "We fear a loss of our competitive edge."

The report makes the following judgement of the country's commitment to science: There has been, over the past fifteen years or so, a shrinking of our national commitment to excellence and international primacy in science, mathematics and technology. This lessening of commitment has not been the result of a conscious decision on anyone's part, but it has nevertheless pervaded our society. To correct this debility, therefore, will require that attention be given not only to the schools themselves, but also to increasing public understanding and appreciation of the importance of excellence in these areas. We, therefore, propose a coordinated program which will: (a) increase public awareness of the need for excellence in science and technology, and (b) help the schools fulfill their role in formal science and technology education.

These programs need your active support! Share with us your plan. Write PAC Update, c/o Scanfax.

OVERSEAS READERS PLEASE NOTE

Effective December 1, 1980 (or whenever your subscription expires), the new subscription rate for Scanfax will be \$10.00 for outside the United States.

MARK YOUR CALENDAR NOW!

The Industry Applications/Industrial Electronics & Control Instrumentation Society will conduct its Second Annual Vendor's Night on February 11, 1981 at the Hillside Holiday Inn from 5:00 P.M. to 9:00 P.M. Equipment and services displayed will be of interest to anyone involved with industrial electronic or electrical work. Exhibited will be such items as programmable controllers, demand and energy management systems, transformers, variable speed drives, overcurrent protection devices, motor controls, etc.

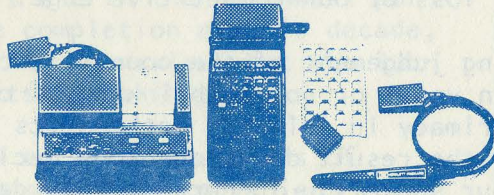
Come and see the latest in industrial equipment and help support the technical program of your societies. Please direct any questions to IAS/IECI Chairman, George Thomas at 963-7070.

CLARIFY SUBSECTION BOUNDARIES

At the November 11 Chicago Section Executive Committee meeting, the territories of Fox Valley and Northwest Subsections were further defined by amendment to the Bylaws.

The new copy reads: "Add to Article 1. 3.a. Fox Valley Subsection Territory: The territory served by the Fox Valley Subsection shall be the Counties of DuPage and Kane, and that portion of the City of Elgin in Cook County in Illinois. 3.b. Northwest Subsection Territory: The territory served by the Northwest Subsection shall be those portions of Cook, Lake, and McHenry Counties in Illinois that are north of Lawrence Avenue and west of Edens Expressway/Skokie Highway, except for the City of Elgin."

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