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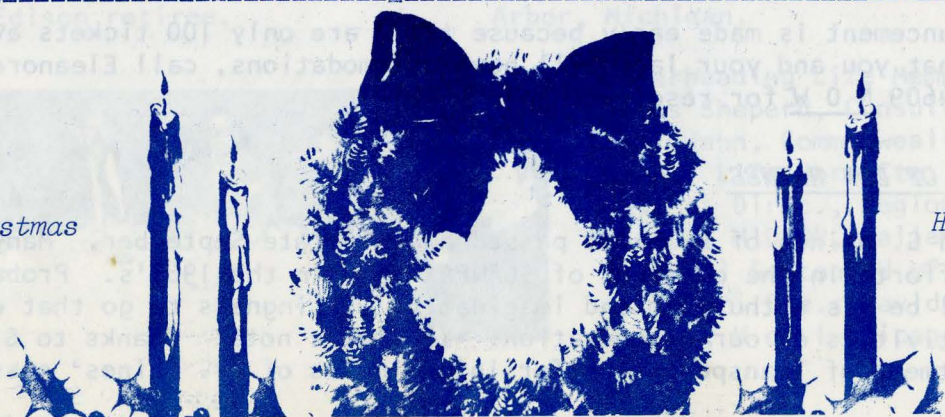
CALENDAR OF EVENTS

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

DEC. 5	"Fusion Research"	Fox Valley Sub.	Branding Iron Rest. 3131 Finley Rd. Downers Grove	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
10	"Satellite Communications"	Antennas & Prop./ Micro. T & T Soc. (j/w Comms. Soc.)	Louis' Place 351 E. Lake Addison	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
11	Monthly Meeting - ALL WELCOME	IEEE Exec. Cte.	Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting	7:30 PM
12	"Vacuum Switchgear"	Power Engrng. Soc.	Stouffer's Rest. 32 E. Randolph St. 2nd Fl., Chicago	Social Lunch Program follows	11:15 AM 11:45 AM Program follows
12	"Special Electl. Systems in Hosp. ..Isolated Power"	Indus. Appls. Soc. (j/w Engrng.in Med- icine & Biol. Soc.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
13	"The Economics of Distributed Processing"	Computer Soc. (Call Ralph Wallace 647-9000)	Standard Oil Bldg. 200 E. Randolph Dr. Cafeteria, Chicago	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
1980 JAN. 7	To be announced	Indus. Appls. Soc. & Indusl. Elecncs. Control Instrumen.	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
8	Mthly.Mtg.-WELCOME	IEEE Exec. Cte.	Brown & Root Offices	Meeting	7:30 PM
9	"Railroad Electrification"	Power Engrng. Soc. (j/w Veh.Tech.Soc. & West.Soc.Engrs.)	Midland Hotel 176 W. Adams St. Chicago	Social Lunch Program	11:30 AM 12 Noon 12:35 PM
16	"Motorola's AM Stereo System"	Northwest Sub. (j/w Communi. Soc. & Veh. Tech. Soc.)	Motorola, Inc. 1299 E. Algonquin Rd. Schaumburg	Social Dinner Meeting	6:00 PM 6:30 PM 7:30 PM
17	"Fault Tolerant Computing in Real Time Environment"	Computer Soc. (Call Ralph Wallace 647-9000)	Standard Oil Bldg. 200 E. Randolph Dr. Cafeteria, Chicago	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM

Merry Christmas

Happy New Year



YOUR NEXT CAR COULD BE ELECTRIC

Are you planning to buy a new car in the foreseeable future? If so, you will want to attend the meeting of the Fox Valley Subsection on Wednesday, December 5.

A distinguished speaker from Argonne National Laboratory will be featured. His topic will be recent research and developments in electric storage batteries. What impact will this have on the auto industry? What are the ramifications a major breakthrough in this area could cause? The answers to these and many other questions will be discussed. Perhaps the next car you buy will be electric.

The meeting will be held at the Branding Iron Restaurant, 3131 Finley Road in Downers Grove. Social hour is 6:00 PM, dinner at 7:00 PM and the meeting 8:00 PM.

MOTOROLA TO DEMONSTRATE COMPATIBLE QUADRATURE SYSTEM

Modern technology, plus a growing demand, has stimulated the private sector of the electronics industry to reintroduce AM stereo radio as a mode of communications. This concept is presently being evaluated by the Federal Communications Commission (FCC).

The Northwest Subsection on Wednesday, January 16 will be given a demonstration of Motorola's compatible Quadrature System. Nobody knows what the FCC final decision will be, but there are many questions being asked. For example: 1) Is AM stereo "for real" or just a lab exercise; 2) How does performance compare with FM MPX; 3) What about the radio broadcast industry and effect on existing transmitters; 4) Are there other AM stereo systems.

For answers to the above, plus much more about AM stereo, join Northwest that night at Motorola, Inc. in Schaumburg at 1299 East Algonquin Road. Social hour 6:00 PM, dinner 6:30 PM and the meeting 7:30 PM.

IT'S NOT TOO EARLY TO HAVE A HEART

Christmas is a time for love, but what about Valentine's Day? Start thinking (and taking action) about guaranteeing a warm spot in your lady's heart only four days before Valentine's Day. Plan to bring her to the Power Engineering Society's Valentine Party dinner and play at Drury Lane West on Sunday, February 10. Dinner is at 5:00 PM, followed by a sparkling show at 7:00 PM. The cost is only \$12.50 per person.

This announcement is made early because there are only 100 tickets available. To make sure that you and your lady will have accommodations, call Eleanore at the IEEE office at 236-4609 N O W for reservations.

IN FOND MEMORY OF DON HAINES

Mr. Donald G. Haines of Elmhurst passed away in late September. Many will remember his fine efforts in the creation of SCANFAX back in the 1960's. Probably most remembered will be his enthusiasm and imaginative willingness to go that extra mile to promote the activities of our organization. (Editor's note: Thanks to Steve Bushman, Illinois Department of Transportation for informing us of Mr. Haines' passing.)

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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

The services offered to you by the Professional Activities Board of the Institute and the Chicago Section Professional Activities Committee include improvements in career conditions and opportunities, professional status, government relations and communicating United States Activity Board (USAB) aims, activities and accomplishments.

Ten dollars per year of your dues support this activity. (This means approximately \$50,000 per year from Chicago Section members.) Watch this column in future issues of SCANFAX to learn more about professional activities in the IEEE.

MANY LIFE MEMBERS LAID THE FOUNDATION UPON WHICH YOU NOW BUILD

Following a presentation on video disc recording and playback by Dr. David C. Miller, Systems Engineer, University of Illinois Circle Campus, IEEE Life Members enjoyed a luncheon at MIDCON/79 on November 7. During the luncheon, Peter Rusche, Director of Region IV thanked the Life Members for the foundation in electrical engineering that they have laid so that students and contemporary engineers can build for the future.

Pictured below (all l to r), are some of these vigorous people. Take a close look — you might find the fellow that hired you not so many years back!



Ralph Orner, Evanston; Stephen Bushman, Ill. Dept. of Transportation, Chicago; L. Weber, Chicago; J. Sharp, Magnavox, Dayton, Ohio; E. Schaefer, Bluffton, Ohio; A. Schaudenecker, Chicago; George Hearnan, Calumet Section; & Larry Howard, Detroit, Michigan.



Chicago Section "heavies": Lowell St. Pierre; Irv Lietzke, & Francis Cox, all Commonwealth Edison retirees; Lester LeVesconte, Sargent & Lundy retiree; & Ernest Michaelson, Commonwealth Edison retiree.



Anton Kasak, South Bend, Indiana; Frank Lyman, Cambridge Thermionic, Cambridge, Massachusetts; Meyer Marks, Electronics Consultant, Chicago; & Dr. Matthew Zaret, Acoustic Consultant of Ann Arbor, Michigan.



Spearheading Life Member activities: James Sheperd, Consult., Reg. Direc.; Paul Jahn, Commonwealth Edison, Vice Chmn., Life Mbr. Cte.; Peter A. E. Rusche, Direc., Region IV; John Green, Direc., MIDCON, Dallas, Texas; Henry (& June) Setton, U of I Chicago, Chmn., Life Mbr. Cte.; David Miller & Paul Wussow, U of I Chicago.

LEARN MORE ABOUT VACUUM SWITCHES

Mr. Ken Cham, Manager, Utility Sales of the General Electric Company in Oak Brook will reveal facts and procedures used in the test program of GE's vacuum metalclad switchgear. His "reveals" will take place on Wednesday, December 12 at the luncheon meeting of the Power Engineering Society.

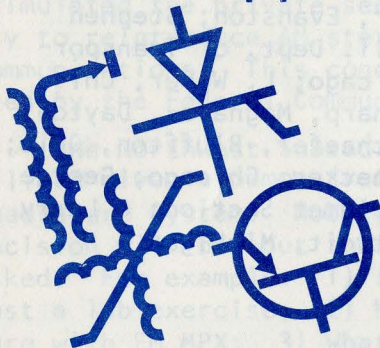
He will discuss General Electric's intensive test program on vacuum switches to confirm industry standards that preceded the introduction of the product. Ken will further bring illumination to the additional testing that continues in response to customers' requirements and to satisfy internal quality control standards.

Graduated from Ohio University located in Athens, Ohio with a degree in Electrical Engineering in 1965, Ken joined General Electric. He worked on assignments in the General Purpose Motors, Medium Transformer and Switchgear Departments. Following extensive sales experience in Syracuse, New York as well as Boston, Massachusetts and Columbus, Ohio he was named Area Sales Manager in Hickory, North Carolina in 1974. Ken was promoted to his present position in July 1979.

Stouffer's Restaurant is located at 32 East Randolph Street in Chicago. The luncheon meeting will be held on the second floor. Social hour will begin at 11:15 AM, lunch 11:45 AM followed by the program.

Call the IEEE office at 236-4609 and make your reservations now.

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