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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: FIRST WEEK OF MONTH PRIOR TO PUBN.

1983	Monthly Meeting	IEEE Executive Cte.	Brown & Root Offices	Meeting	7:30 PM
JAN. 11	ALL WELCOME		701 E. 22nd St. Lombard		
12	"Personal Computers"	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
12	"Comparis. of Digi. & Analog Instru. in Industl. Appls."	Industry Appls./ Industrial Elec- tronics Soc.	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
18	"Role of Integra. Voice & Data in Office of Future"	Communications Soc.	Wilton Manor Geneva & Main Sts. Wheaton	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
19	"Desktop Computers & Computer Networking"	Northwest Sub.	Mr. Peter's Banquets 1018 Mt. Prospect Plaza Rand & Central Rds.	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
26	"Uninterruptible Power Supplies"	Fox Valley Sub. (j/w Power Engrng. & Communica. Socs.)	Wilton Manor Geneva & Main Sts. Wheaton	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
FEB. 8	Monthly Meeting ALL WELCOME	IEEE Executive Cte.	Brown & Root Offices 701 E. 22nd St. Lombard	Meeting	7:30 PM
9	"Electric Vehicles"	Industry Appls./ Industrial Elec- tronics Soc.	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
9	"Partial Dis-charge Test for Transformers"	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
20	Valentine's Day Dinner/Theatre Party	Power Engrng. Soc. (j/w Fox Val. Sub.)	Martinique/Drury Lane 2500 W. 95th St. Evergreen Park	Dinner Show	4:30 PM 7:00 PM
20-26	33rd Annual National Engineers' Week	-	"Engineers: Turning Ideas into Reality"		
23	"Electronics for the Handicapped"	Fox Valley Sub.	Wilton Manor Geneva & Main Sts. Wheaton	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM

"ENGINEERS: TURNING IDEAS INTO REALITY" - The week of February 20-26, 1983 has been designated as the 33rd Annual National Engineers' Week. The theme for this year's observance is "Engineers: Turning Ideas into Reality." The purpose of NEW is to familiarize the public with the work of engineers and to honor outstanding members of the engineering profession.

The Chicago Chapter of the Illinois Society of Professional Engineers will again be coordinating the display of engineering exhibits in downtown public buildings in observance of the Week. These exhibits will be on display in the lobbies of City Hall, Loop Federal buildings and others. The Week of February 13-17 will be reserved for exhibitors to set up displays. If your organization wishes to participate, call James Breclaw at 332-0107 by January 17.

ILLINOIS UNIVERSITY PROFESSOR BARDEEN TO RECEIVE AWARD - John Bardeen, one of the inventors of the transistor that revolutionized electronics, has been elected to receive the 60th Washington Award, one of engineering's prized national honors.

The 1983 Award will be presented to Dr. Bardeen at a banquet Wednesday evening, February 23 in the Americana Congress Hotel in Chicago during National Engineers' Week. The event is being arranged by The Western Society of Engineers in behalf of seven national and regional engineering societies who comprise the Washington Award Commission that makes the annual Award selection.

Dr. Bardeen is emeritus professor of physics at the University of Illinois and winner of two Nobel prizes for solid state and low temperature physics. He holds nineteen honorary degrees from major universities and has received thirteen awards from his peers. He is a past president of the American Physical Society and served on the U.S. President's Science Advisory Committee.

The Commission which elected Dr. Bardeen comprises 25 representatives from seven societies including the American Society of Civil Engineers, American Institute of Mining, Metallurgical & Petroleum Engineers, American Society of Mechanical Engineers, American Nuclear Society, The Institute of Electrical & Electronics Engineers, Inc., National Society of Professional Engineers and The Western Society of Engineers.

The Award, named after George Washington (he had the educational background of a civil engineer), was proposed in 1916 by the late John W. Alvord, a past president of The Western Society of Engineers. It was established to honor an engineer annually for "devoted, unselfish and preeminent service in advancing human progress."

Tickets to the banquet can be obtained from The Western Society of Engineers located at 176 West Adams Street, Chicago, (372-3760).

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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, 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

IEEE POSITION PAPER ON NUCLEAR WASTE MANAGEMENT - The Federal government must reaffirm a positive commitment to nuclear energy and support this commitment by the establishment and implementation of a well-defined waste management program. The Federal government should assume broad oversight responsibility for all aspects of nuclear waste management through a single Federal agency. The commercial nuclear power industry should retain responsibility for spent fuel and low-level wastes temporarily stored on site and at other locations on its properties. The disposal of low-level wastes generated by the nuclear power industry and other civilian activities should remain under the control of the states, subject to Federal regulatory standards and guidelines and specific Federal authorization of interstate (regional) compacts. The policy on spent nuclear reprocessing and recycling should be separated from the proliferation issue and resolved on the basis of economic costs, benefits and environmental impact. Acceptance of spent fuels from foreign countries for interim storage should be minimized until a decision is made to resume reprocessing and adequate away-from-reactor (AFR) storage and disposal facilities are available. Civilian and defense waste issues should be integrated into a single system subject to the limitations of legitimate security consideration. A national plan for nuclear waste management must include effective state and public consultation processes.

This position paper is proposed as legislation for the new Congress. We urge your support. For more information write John Water, PAC Chairman, c/o IEEE Scanfax, 125 South Clark Street, Room 1545, Chicago, Illinois 60603.

MAKE A FELLOW OF YOUR FRIEND - The 11th Annual Competition for 1983-84 IEEE Congressional Fellowships has been announced.

Have you ever felt that some of your IEEE friends should be especially recognized for their outstanding work? If so, there is a way. Why not try to make Fellows of your friends? Being a Fellow in the IEEE is the epitome of peer recognition. By nominating outstanding members to Fellow grade, you are not only honoring members to Fellow grade, you are bringing increasing pride to our Chicago Section.

The criteria for Fellows shall be selected based on technical competence, on ability to serve in a public environment and on evidence of service to the Institute and the profession. The Fellow must be a U.S. citizen at the time of selection and must have been in the IEEE at Member grade or higher for at least four years. Additional criteria may be established by the Selection Committee.

Applications must be postmarked no later than March 31, 1983 to be eligible for consideration. Call Ed Koncel, Commonwealth Edison Company at 294-3365. Ed is Chairman of the Chicago Section Awards Committee. Why not call him today.



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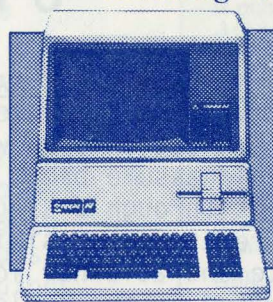
COMMUNICATIONS SOCIETY PRESENTING "ROLE OF INTEGRATED VOICE AND DATA IN THE OFFICE OF THE FUTURE" - At a dinner meeting of the Communications Society on January 18, 1983 guest speaker will be Sam Pitroda, Vice President, Advance Telecommunications, Commercial Electronics Operation of Rockwell International Corporation.

In order to increase white collar office productivity in the service oriented information society of the future, computer and telecomm industries are providing total system solutions based on two different approaches.

The computer industry approach is aimed at coax based broad band or base band close loop ring type local area network, while the telecomm industry approach is based on interconnecting voice and data on existing twisted pair wiring. This presentation will explore the tradeoffs between these two approaches and discuss the role of integrated voice and data capabilities in the office of the future with emphasis on special private networks.

Call the IEEE office at 236-4609 for reservations. For additional meeting information call Daryl Eigen at 979-5353.

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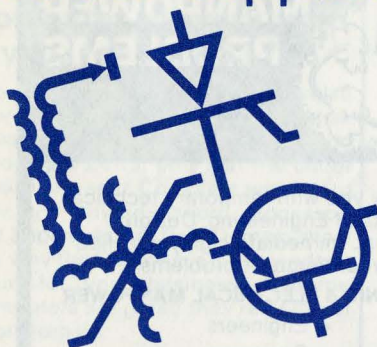
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VALENTINE'S DAY DINNER/THEATRE PARTY - The Power Engineering Society, joint with Fox Valley Sub-section extends an invitation to enjoy a Valentine's Day of dining and theatre on Sunday - February 20, 1983 at Martinique/Drury Lane South in Evergreen Park. The play is a new comedy hit, "Good-Bye Ghost!" starring Claude Akins. Dinner will be at 4:30 P.M. and showtime is 7:00 P.M.

Contact Bob Brauer at 294-8460 after January 15 for details.

1982-83 CHICAGO SECTION ROSTER CHANGE - Please make the following change in your 1982-83 Chicago Section Organization Roster (underscored portion indicates change): Howard Wolfman • Grayhill, Inc. • 561 Hillgrove Avenue • LaGrange, Illinois 60525 • 354-1040, extension 228.