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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.

APR. 7	"Non-Flammable Liquid-Filled Transformers"	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 - ALL WELCOME	IEEE Executive Cte.	Brown & Root, 701 E. 22nd St., Lombard	Meeting	7:30 PM
17	Recognition Dinner	IEEE Chicago Sec. (For reserva., Chris Ziola, 391-7130)	Hamilton Lakes Hotel 400 Park Blvd. Itasca	Social Dinner Enter.	6:00 PM 7:00 PM 8:00 PM
17	Tour - Cablevision of Chicago	Antennas & Prop./ Micro. Theory & Techniques Soc.	Cablevision of Chicago 820 Madison Oak Park	9:30 AM--11:30 AM (Gather in lobby)	
20	"FM Channels"	Communications Soc.	Wilton Manor St. Chas. Rd. & Main St. Wheaton	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
21	3rd Annual Exhibitor's Night	Indus.Appls./Indusl. Electro.& Con.Instr.	Hillside Holiday Inn 4400 Frontage Rd.	4:00 PM---9:00 PM (J.Anich 269-6012)	
22	Seminar - "BASIC Prog. for Engrs."	Northwest Sub. (H. Myers, 815:459-0100)	Roll. Mdws. Holiday Inn Rtes. 62 & 53	7:30 PM---9:30 PM	
24	MAC '82 (Midwest Acous. Conference)	Audio Engrng. Soc., Chgo.Acous.& Audio, CRC of ASA & IEEE	Ill. Inst. of Tech. Hermann Hall, 3241 S. Federal St., Chicago	9:00 AM---5:30 PM	
26-28	Amer. Power Conf.	PES, IIT & 8 Other Engrng. Societies	Palmer House, State & Monroe Sts., Chicago	(Ralph Armington, 567-3406)	
28	"Electronic Office"	Fox Valley Sub.	Wilton Manor St. Chas. Rd. & Main St. Wheaton	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
MAY 11	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	Brown & Root, 701 E. 22nd St., Lombard	Meeting	7:30 PM
12	"Stepper Motors"	Indus. Appls./In- dustl. Electronics & Control Instr.Soc.	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
12	"Lighting Systems"	Power Engrng. Soc.	Carson Pirie Scott Chicago	(See 4/7 listing for loca. & time)	
15	Research/Tour -	Fox Valley Sub.	Fermi National Lab. Kirk & Pine Rds., Batavia	(Wm. Herdegen, 691-4400)	
17	"Microwave Communication Technology"	Antennas & Prop./ MTTS (j/w Communica. Soc.)	Louis Restaurant 351 E. Lake St. Addison	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
17	"History of Two-Way Radio"	Vehicular Tech.Soc. (For reserva., Phil Petersen, 576-3058)	Mr. Peters Banquets 1018 Mt. Prospect Rd. Rand & Central Rds.	Social Dinner Meeting	6:00 PM 6:45 PM 7:30 PM
26	"ESS #5"	Fox Val. Sub.(j/w Communica. Soc.)	Wilton Manor Wheaton	(See 4/28 listing for loca. & time)	
26	"Household Burglary & Fire Alarm Systems"	Northwest Sub.	Mr. Peters Banquets 1018 Mt. Prospect Plaza Rand & Central Rds.	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM

AP/MTTS PRESENTING TOUR OF CABLEVISION OF CHICAGO

Cable television is an extensive microwave system with numerous coaxial cable systems interconnected by ITFS, Common Carrier and CARS (Cable Antenna Relay Service) paths. The talk and tour will cover the actual planned and operated Cablevision of Chicago system. Satellite receive and up-link plans will also be discussed. Cablevision of Chicago is the largest of the cable TV companies operating in the Chicago suburbs with over 20,000 subscribers today, 40,000 by year end, 80,000 by 1984. It is franchised in 27 communities, 180,000 homes.

The host of the tour and speaker will be Robert J. Dattner, Vice President and Director of Engineering, Cablevision of Chicago. Mr. Dattner obtained an MSEE in systems engineering from the University of Pennsylvania. He is a member of IEEE, SCTE (Society of Cable Television Engineers), and has worked in cable television since 1971. Mr. Dattner started with Jerrold Electronics, the largest manufacturer of cable television equipment, and then worked for Cablevision companies in Philadelphia, Long Island, New York and Chicago.

The date is Saturday, April 17 and will be sponsored by the Antennas & Propagation/Microwave Theory & Techniques Societies. Reservation deadline is April 14.

FM CHANNELS TOPIC AT COMMUNICATONS MEETING

On April 30, the Communications Society will feature Alan Wilson of Motorola, Inc. speaking on the use of FM channels for data at speeds of 9.6 kb/sec and higher. See Calendar of Events for meeting location and time.

NATIONAL LECTURER TO SPEAK ON MAY 17

The Vehicular Technology Society will host Stuart F. Meyer, President of the Vehicular Technology Society. Mr. Meyer will speak on the "History of Two-Way Radio." He is Manager of Government Industry Relations for E. F. Johnson Company and has been involved with the developments of two-way radio for many years. He has served as President of the Quarter Century Wireless Association, Director of NABER, Chairman of the Engineering Panel of the Communications Division of EIA, and Executive Vice President of the Radio Group of America. This is a good chance for you "young timers" to find out how the rapidly growing industry has developed.

CHICAGO SECTION ROSTER CHANGES

Mr. Norman Phoenix, Chairman of the Northwest Subsection is now employed with Zenith Radio Corporation • CRT Display, Room 283 • 1000 Milwaukee Avenue • Glenview 60025 • 391-7000. Also, the Chairman of the Reliability Society, Robert Frank has changed employment as follows: Beltone Corporation • 4201 West Victoria Street • Chicago 60646 • 583-3600, extension 284.

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Unless otherwise specified, Chicago Section IEEE neither endorses nor sanctions any positions or actions espoused in SCANFAX.

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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

Occasionally in this job of reporting on PAC activities, we hear of engineers who have done an outstanding job in furthering the interests of the profession. Often in meeting these people where word of their accomplishments has preceded them, we are surprised to find they are not ten feet tall. They look very much like the people we work with every day, and we wonder what motivates this individual to make the sacrifices necessary to achieve a goal others claim cannot be done.

On the other hand, we frequently hear that some of the IEEE objectives are impossible to attain. These worthy goals are beyond the reach of ordinary engineers. After all, what can one person do? To cite what one individual can do, the Chicago Section will honor member Jack Foulkes at the Recognition Dinner on April 17 with a certificate presented by IEEE headquarters. The certificate states: "The IEEE owes a debt of gratitude for services rendered through enhancement of Professional Activities. Mr. Foulkes personally accomplished precedent setting action in the U.S. Court of Appeals which furthers these objectives in matters pertaining to tax treatment of retirement benefits."

Jack claimed a deduction for contributions to an IRA which was disallowed by the IRS. Convinced he was correct in his interpretation of the law, he burned the midnight oil preparing his own briefs, eventually carrying the case to the U.S. Court of Appeals, which ruled in his favor. Jack's efforts in this area contributed to changes in the tax laws allowing an individual retirement account in addition to an employer pension plan.

The IEEE, with the concerted help of many dedicated individuals has done some things they were told could not be done in the area of Service Contracts, Portable Pensions and others. Ordinary people, when properly motivated, can do extraordinary things.

Vote! CHICAGO SECTION 1982-83 ELECTION

The Chicago Section Nominating Committee has selected the following slate of candidates for Section Officers and Executive Committee members for the 1982-83 term. Mark your choices on the ballot below. If you wish to vote for another member, write the name in the space provided and check the box.

OFFICERS (Vote for four)

Chairman	Vice Chairman	Treasurer	Secretary
☐ Howard Wolfman A. B. Dick Co.	☐ William Everson Commonwealth Edison Co.	☐ Robert Scheman A. T. & T. Long Lines	☐ George Thomas Contemporary Control Sys., Inc.

☐ _____ (Write-in)

EXECUTIVE COMMITTEE (Vote for eight)

☐ John Anich Sargent & Lundy	☐ Joseph Feitler S.P.R., Inc.	☐ Henry Korman Noble U.S.A.	☐ Bert Orszula Brown & Root, Inc.
☐ George Stout G.P.E. Controls	☐ John Tyner Cleworth Pubns.	☐ John Waters Bussmann Mfg. Div.	☐ William Wiltse Allen-Bradley Co.

☐ _____ (Write-in)

Mail the ballot to: Paul Geiger, Nominating Committee Chairman • IEEE Office • 125 South Clark Street, Room 1545 • Chicago, Illinois 60603. Ballots must be received no later than April 15, 1982. Results will be announced in the May issue of Scanfax.

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IT'S F-R-E-E!!

This is a reminder about the IAS/IECI 3rd Annual Exhibitor's Night to be held on April 21, 1982 from 4:00 to 9:00 P.M. at the Hillside Holiday Inn.

ATTEND Chicago area's showcase of the latest industrial electrical and electronic controls, instruments, supplies, equipment, services, systems and microprocessors.

GET lots of info, ideas, "freebies."

SEE hands-on demonstrations and displays of state-of-the-art industrial electrical technology.

COME support the companies who support your society and technology.

Proceeds from exhibitors will help fund all Chicago Section programs.

Contact John Anich at 269-6012 for further details. John is Chairman of the Industry Applications/Industrial Electronic Control Instrumentation Society.

"Am I glad I came" was the consensus of opinion at last year's successful Exhibitor's Night pictured above.



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Hardsmith

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Chicago, IL 60645

(312) 764-9186

NAME _____ TELEPHONE _____

FIRM _____

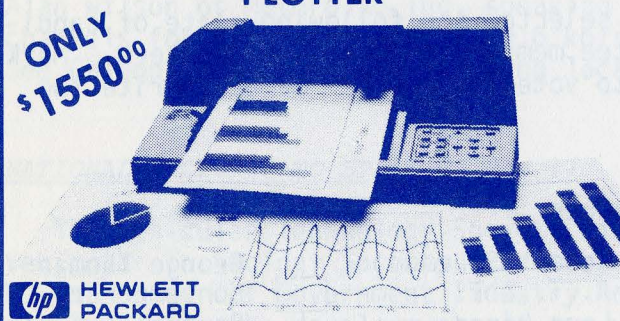
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*INTRODUCTION TO VLSI SYSTEMS BY CARVER MEAD AND LYNN CONWAY • 1980.
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Mail reservation to: Chris Ziola, Tickets/Arrangements Chairman
Zenith Radio Corporation
1000 Milwaukee Avenue (Purchasing Department)
Glenview, Illinois 60025 (312) 391-7130

Enclosed is my check in the amount of \$ _____ covering _____ tickets at \$20.00 each for the 1982 IEEE Recognition Dinner at the Hamilton Lakes Hotel, Itasca.

NAME _____

FIRM _____

ADDRESS _____ PHONE _____

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Make checks payable to: IEEE Chicago Section

On Saturday - April 17, 1982 the social event of the year will take place. What, you ask. Why, it's the IEEE Recognition Dinner, of course. The success of the Dinner depends largely on the efforts of the Dinner Committee members and the co-operation of the electrical and electronics companies in the Chicago area who support this annual activity and, most important of all, YOUR attendance. Every member of the Chicago Section should attend; it's an event not to be missed.

This year's locale is the Hamilton Lakes Hotel, 400 Park Boulevard in Itasca. Tickets are \$20.00 per person and they are limited, so make your reservations EARLY.

Dinner Committee members are: CHAIRMAN WILLIAM WILTSE, JR., Allen-Bradley Company; SECRETARY JOHN WATERS, Bussmann Manufacturing Division, McGraw-Edison Company; TREASURER TREVOR HINCHLIFFE, Flolo Electric Company; PUBLICITY CHAIRMAN ANDY GASIOROWSKI, Allen-Bradley Company; TICKETS/ARRANGEMENTS CHRIS ZIOLA, Zenith Radio Corporation; PROGRAM CHAIRMAN FRANK LAKOWSKI, Chicago Condenser Company. The Solicitation Committee consists of CHAIRMAN DAN PITTENGER, Zenith Radio Corporation; JIM MARCOULLIER, Englewood Electrical Supply Company; TOM WAJDA, Northrop Corporation. The Institutional Coordinator is DON SMITHANA.

Date: SATURDAY - APRIL 17, 1982

Time: 6:00 P.M. (COCKTAILS) 7:00 P.M. (DINNER) 8:00 P.M. (ENTERTAINMENT)

Place: HAMILTON LAKES HOTEL 400 PARK BOULEVARD ITASCA, ILLINOIS

Entertainment: * BOB HIGA, magician and illusionist skilled in the sophisticated art of oriental sorcery.
* CATHY JOHNSON, singing personality/entertainer who will play a carefully chosen selection of fast paced and mobile tunes from her vast repertoire.
* BILL SCOTT ORCHESTRA for your dining and dancing pleasure.

Fellow Award recipients: PROFESSOR JAMES E. VAN NESS
GEORGE L. LANDGREN

Students who will be recognized: MIKE VRANICAR, University of Illinois
GERARDO MOLINA, Northwestern University
ALLAN MUEHLFELD, Illinois Institute of Technology

The Chicago Section will recognize JACK FOULKES with a certificate presented by IEEE headquarters for his efforts in pursuing the Individual Retirement Act.