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CALENDAR OF EVENTS

For reservations call the IEEE office at 236-4609 (unless otherwise indicated)
COPY DEADLINE: FIRST WEEK OF MONTH PRIOR TO PUBLICATION

OCT. 8	"Engrng. Design Approach to Microprocessors"	Indus. Appls. Soc. & Control Instrumen. (j/w Computer Soc.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
8	"Bath County Pump Storage"	Power Engrng. Soc.	Carson Pirie Scott State & Madison Sts. Highland Rm. #2, 8th Fl.	Social Lunch Meeting	11:15 AM 11:45 AM 12:30 PM
13	"Antenna Tech. for Future Systems Appls."	Antennas & Prop./ Microwave Theory & Techniques Soc.	Louis Restaurant 351 E. Lake St. Addison	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
14	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	Brown & Root Offices 701 E. 22nd St. Lombard	Meeting	7:30 PM
25	"Appl. & Coord. of Reclosures, Sectionizers & Fuses"	Power Engrng. Soc. (All day seminar)	Fermilab Kirk Rd. & Pine Batavia	8:30 AM - 4:00 PM (For info., Hank McGreer, 855-7072)	
27-29	NCF-NEC/80	Natl. Engineering Consortium, Inc.	Hyatt Regency O'Hare River Rd. at Kennedy Expwy., Rosemont	(For info., 325-5700). See ad on page 6.	
27-31	COMPSAC '80 Computer Software & Appls. Conf.	IEEE Computer Soc.	The Palmer House State & Monroe Sts. Chicago	(Inf. Julia O'Keefe, 462-6142; Peggy Ridder, 462-4243)	
29	"The Effective Engr./Supv. ... Impossible!!?"	Fox Valley Sub.	Elmhurst Inn 933 Riverside Dr. Elmhurst	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
NOV. 4-6	MIDCON Electronic Show & Convention	IEEE Region 4, IEEE Chicago & Dallas Sections	Dallas Conven. Ctr. Dallas	(For info., Dale Litherland in CA, 213: 772-2965)	
10	"Large Signal Operation of Micro. FET's"	Antennas & Prop./ Micro. T&T Soc. (j/w Electron Dev. Soc.)	Louis Restaurant 351 E. Lake St. Addison	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
10-11	Chicago Fall Conf. on Consumer Electronics	IEEE Chgo. Sec., & BCCE	Ramada O'Hare Inn 6600 N. Mannheim Rd. Des Plaines	(For info., Ray Hayden, 837-4045)	
11	Monthly Meeting	IEEE Executive Cte.	Brown & Root Offices	Meeting	7:30 PM
12	"Tim Cullerton Talks About the Chgo. Electr. Code"	Indus. Appls. Soc. (j/w Engrng. in Medicine & Bio. Soc.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
19	"Wind Power: Harnessing a Signif. Solar Energy Resource"	Northwest Sub.	Mr. Peters Restaurant Rand Rd. (Shop. Mall) Mount Prospect	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
26	"Speaker Design"	Fox Valley Sub. (j/w Acoustics, Speech & Signal Proces. Soc.)	Elmhurst Inn 933 Riverside Dr. Elmhurst	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM

DISTINGUISHED LECTURER TO SPEAK AT AP/MTTS MEETING

The Antennas & Propagation/Microwave Theory & Techniques Society will have distinguished national APS lecturer, Robert J. Mailloux at its October 14 meeting. Dr. Mailloux will discuss the application of antenna technology to three current system requirements: aircraft terminals for satellite communication, space based radar and tactical radar systems. Presently, Dr. Mailloux is directing the antenna effort at the Electromagnetic Sciences Division, RADC.

'THE EFFECTIVE ENGINEER/SUPERVISOR . . . IMPOSSIBLE!!?'

An engineer is usually evaluated for his technical abilities. From calculations to specifications to drawings, the engineer is technically involved, but unless he goes after it, there is no deliberate preparation for handling people. On October 29, the Fox Valley Subsection will have speaker Dennis Kmiec discuss some of the more common personnel problems confronting engineers in consulting firms, some of his personal experience in dealing with technical designers and drafters, and some general hints to assist engineers in becoming better supervisors.

WHY DID IEEE INCREASE 1981 DUES?

Item from page 1 of "The Institute" (4/80) "...Accepting a recommendation of the special dues task force set up by the Board with Mr. Brereton (Treasurer) at its head, IEEE's Directors approved the following resolution: that there shall be "a 1981 dues increase of approximately \$4 to \$8 ...the total amount to be determined at the August 1980 Board meeting."

Item from page 3 of "Computer" (12/79) entitled Special Message and signed by Richard E. Merwin, IEEE Division V Director: "As part of the 1980 budget approval procedure,

a general dues increase (probably about \$10) was proposed for IEEE members. Although rejected, the proposal will undoubtedly come up again in 1981 and will very likely be approved. The IEEE along with other professional societies is covering more and more of its operating expenses with surpluses from publications and conferences. When the ratio of other income to dues income reaches four to one, IRS begins to question a professional society's non-profit status. IEEE is approaching this limit and may have to arbitrarily raise dues or lose its non-profit status.

Wow, "The Institute" (10/80) on page 1 says "Board increases dues to limit projected '81 deficit." As "The Institute" (4/80) forecast, the base member dues were increased from \$35 to \$43. This increase, among others, is to "...reduce to \$250,000 or less a projected \$1 1/4 million deficit in 1981." While the impact of inflation is apparent to all of us, the question does arise "was the Board's decision based on economic reasons only, or was it affected by the need to satisfy IRS' criteria for continuing our status as a non-profit organization?"

What do YOU think? Write to Scanfax, or attend the monthly Chicago Section Executive Committee meeting.

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	M	T	W	T	F	S		M	T	W	T	F	S	
	SEPT.	1	2	3	4	5		FEB.	2	3	4	5	6	
	Labor Day													
SEPTEMBER 1980	8	9	10	11	12		FEBRUARY 1981	9	10	11	12	13		
	AP/MTTS "Extradi. of Oil ..."	IEEE Exec. Cte.	IAS/IECI (j/w PES) "Trends..."	Jewish New Year				IEEE Exec. Cte.	PES "Co-Gen. ..." IAS/IECI "Vendor's"	Lincoln's Birthday	FVS (j/w PES) "Valen. Party"			
	15	16	17	18	19			16	17	18	19	20		
			NWS (j/w CS) "Elec-nc. Speech"	Yom Kippur				Washington Birthday						
	22	23	24	25	26			23	24	25	26	27		
		ESMO-80	FVS "Weather..." PES - Tour Appleton						FVS "Fiber Optics"					
	29	30	OCT.	1	2	3		MAR.	2	3	4	5	6	
	6	7	8	9	10		MARCH 1981	9	10	11	12	13		
OCTOBER 1980		PES "Pump Storage" IAS (j/wCS) "Design..."						IEEE Exec. Cte.	PES "Load Mngmt." IAS/IECI Ladies Nite					
	13	14	15	16	17			16	17	18	19	20		
	AP/MTTS "Int. Tech." IEEE Exec. Cte.	EDS						St. Pat's Day	NWS					
	20	21	22	23	24			23	24	25	26	27		
					PES Sem. "Applica. Coord. ..."			FVS NASA EDS						
	27	28	29	30	31			30	31	APR.	1	2	3	
			FVS "EF-fective Engr./Supv. ..."											
	NOV.	3	4	5	6	7	APRIL 1981	6	7	8	9	10		
NOVEMBER 1980		Election Day								PES "Cast. ..." IAS/IECI "Concepts"			12	
	10	11	12	13	14			13	14	15	16	17		
	AP/MTTS (j/w EDS) "Micro. FET..."	IEEE Exec. Cte.	IAS/IECI (j/w EMBS) "CE Code"					IEEE Exec. Cte.				Good Friday		
	17	18	19	20	21			20	21	22	23	24		
			NWS "Wind Pwr." EDS								Easter Passover			
	24	25	26	27	28			27	28	29	30	1		
			FVS (j/w ASSP) "Spkr. Design"	Thanksgiv.					FVS (j/w EMBS) "CAT Signs"					
	DEC.	1	2	3	4	5	MAY 1981	4	5	6	7	8		
DECEMBER 1980													NWS-Tour Argonne	
	8	9	10	11	12			11	12	13	14	15		
	IEEE Exec. Cte.	PES "Fiber..." IAS (j/w FVS) "Advan"						IEEE Exec. Cte.	PES "LaSalle County"			FVS-Tour S&L -- IAS/IECI Sem.		
	15	16	17	18	19			18	19	20	21	22		
									NWS					
	22	23	24	25	26			25	26	27	28	29		
									FVS (j/w VTS) "Flight..." EDS					
	29	30	31	JAN. '81	1	2		Memor. Day	JUNE 1	2	3	4	5	
			Christmas	New Year's Day										
	5	6	7	8	9		JUNE 1981	8	9	10	11	12		
JANUARY 1981			PES "Adjus. Speed Drives"					IEEE Exec. Cte.					Flag Day	
	12	13	14	15	16			15	16	17	18	19		
	IEEE Exec. Cte.	NWS IAS/IECI "OPEC & Contrl."	Martin Luther King, Jr. Day					22	23	24	25	26		
	19	20	21	22	23								Father's Day	
	26	27	28	29	30		29	30						
										JULY 14	IEEE Exec. Cte.			
										AUGUST 11	IEEE Exec. Cte.			

UPDATE

PENSION BILL NEEDS YOUR SUPPORT

The LERA (Limited Employee Retirement Account) is pending before the House, Ways and Means Committee. HR-628 sponsored by James Corman (D-CA) and co-sponsored by 53 others is strongly supported by IEEE. This bill would give employees who are legally "covered" by a qualified corporate retirement plan, but who are not yet fully vested in that plan, the opportunity to create their own tax shelter IRA until they are vested.

The House, Ways and Means Committee had hearings on the LERA bills on January 30, 1980 but has yet to report out a bill. It is time for action!

Write to your congressman asking for his support for the LERA concept, and for HR-628 in particular.

There is a companion bill in the Senate Finance Committee, S-1428, sponsored by Senator Alan Cranston (D-CA) and S-557 sponsored by Senator Lloyd Bentsen (D-TX). IEEE strongly supports this legislation. Please write your senators for support of the LERA concept and for these bills in particular.

RECOGNITION DINNER A SUCCESS

On May 24, the Chicago Section displayed its vitality as members achieving Fellow status were recognized for their achievements. Over 300 members with their guests enjoyed the plush facilities of the Penthouse Ballroom at the Ramada-O'Hare Inn in Rosemont.

Also honored were senior Electrical Engineering students who have attained outstanding scholastic recognition. In addition to the Certificates of Merit, three students each received a check for \$500.00.

The Chairman of the Recognition Dinner Committee, Hank Korman (*pictured right*), expressed his appreciation to the industry sponsors whose financial assistance provide the elaborate accomodations and entertainment that make the Recognition Dinner a success.

Chicago Section members owe a debt to the following industry supporters and we should assist them in their endeavors: Allen-Bradley Co.; Andrew Corp.; Blue-M Electric Co.; Bodine Electric Co.; Brown & Root, Inc.; Bunker-Ramo Corp.; Cherry Electrical Products Corp.; Cook Electric Co.; Commonwealth Edison Co.; C. P. Clare & Co.; Corcom, Inc.; DeVry Institute of Technology-Bell & Howell Schools; Elite Electronic Engineering; Fluor Pioneer, Inc.; General Electric-Electric Utilities Sales Div.; General Electric-Electronic Components Div.; GTE Automatic Electric Laboratories; Harza Engineering Co.; Hayden Sales Co.; Hewlett-Packard (Midwest Sales); Industrial Electronic Hardware (IEH); Jensen Sound Laboratories; John Fluke Manufacturing Co.; M. Gottlieb Associates, Inc.;

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Charles Hatstat (*pictured on left*), Chicago Section Chairman presents the Fellow Award Certificate to Jim Schwartz, the 1980 awardee.



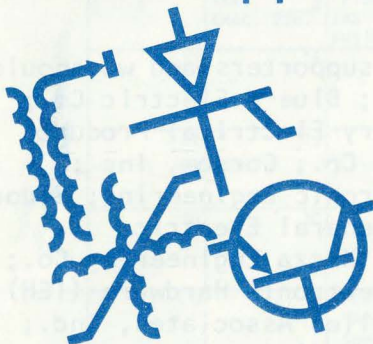
The program of NCF-NEC/80 will focus on the exciting challenging issues which will face engineers and managers in the electronics industry during the 80's. Two dimensions which affect the vitality and growth of the industry will be addressed by the speakers in the New Technology Seminars and Technical Paper sessions.

TECHNICAL PAPERS — (27th) Advanced Fiber Optics Systems-Applications & Limitations; The CCIS Network: Into the 80's; New Directions in Sensor Technology & Applications; Future Directions for Digital Telecommunications; Applications of Array Processors & Multi-processor Networks; New Telecommunications Services; Future Directions in VLSI; Present & Future Directions in Continuing Education. (28th) Contemporary Topics in Circuits & Systems; Nondisruptive Introduction & Subsequent Maintenance of New Feature Generics in Live Telephone Offices; Energy Management/Facility Management Systems; Speech & Signal Processing; Network Management of the Telecommunications Network; Managing Technical Personnel: Behavioral Issues for the 80's; Monolithic Digital Signal Processors: The Next Learning Chore for Designers; Applications of Minicomputer/Microprocessor Systems. (29th) Software Engineering; Backup Alternatives for 8" Winchester Rigid Disk Drives; Current Directions in Computer Graphics; Practical Speech Recognition & Synthesis; On-Line Maintenance of Switching Office Support Processors. **NEW TECHNOLOGY SEMINARS** — (27th) Evolution to an Integrated Services Digital Network; Communication Systems Processor Architecture; Microprocessor Test Tools; New Trends in Software Development Systems; Fiber Optics Today. (28th) Digital Technology Impacts on Network Planning & Operations; Human Resources Development in a Technical Environment; Data Switching Systems-In the 80's; Software Architecture for Digital Switching; Utilizing LSI in Telecommunications Systems. (29th) Evolution Towards the Next Generation of Loop System; Operations Support Systems; Automatic Speech Recognition; Advances in Microprocessor System Architectures; Call Capacity Modeling in Telecommunications Switching; Database Design, Interfaces & Support.

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