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Official Publication of the Chicago Section • Institute of Electrical & Electronics Engineers • December 1977

CALENDAR OF EVENTS

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

Mark your Scanfax calendar. Copy deadline: First day of the month.

December

- 5-6 7th Annual 1977 Fall Conference on Consumer Electronics — Ramada O'Hare Inn,
6600 Mannheim Rd., Rosemont. For details call Ray Hayden at 289-6100.
- 7 "Energy Alternatives," Fox V. Sub. (j w/PES) — Andy's Steak House, 17W611-22nd,
Oak Brook; dinner 7:00 PM, meeting 8:00 PM.
- 7 "Antenna Development for Radio Communications," VT Grp. — Maitre D' Rest.,
111 E. Higgins Rd., Elk Grove Village; dinner 6:30 PM, meeting 7:30 PM.
Call the VTG meeting coordinator at 576-6567 for reservations.
- 13 IEEE Executive Committee — Members will be notified of time and place.
- 14 "New Methods in Lighting," IAS/IECI — Nielsen's Village, 7330 W. North Ave.,
Elmwood Park; cocktails 5:30 PM, dinner 6:15 PM, meeting 7:15 PM.
- 15 "New Methods of Digital Speech Encoding," Comms. Soc. — Maitre D' Rest., 111
E. Higgins Rd., Elk Grove Village; cocktails 6:00 PM, dinner 7:00 PM,
meeting 8:00 PM.
- 25 MERRY CHRISTMAS!

1977

January

- 1 HAPPY NEW YEAR!
- 10 IEEE Executive Committee — Brown & Root offices, 2001 Spring Rd., Oak Brook;
7:30 PM. Monthly meeting — ALL WELCOME.
- 11 "Electrical Transient Protection," IAS/IECI — Nielsen's Village, 7330 W. North
Ave., Elmwood Park; cocktails 5:30 PM, dinner 6:15 PM, meeting 7:15 PM.
- 11 "Guri Hydroelectric Project," PES — Stouffer's Rest., 32 E. Randolph St.,
Chicago; cocktails 11:15 AM, lunch 11:45 AM, program follows.
- 17 APS/MTTG — Black Steer Rest., 6446 W. North Ave., Chicago. Program to be
announced.



HAPPY HOLIDAYS TO ALL

U.S. POSTAL SERVICE
STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
(ACT OF AUGUST 12, 1970: SECTION 3685, TITLE 39, UNITED STATES CODE)

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11. Extent and nature of circulation

	Average No. Copies Each Issue During Preceding 12 Months	Actual No. of Copies of Single Issue Published Nearest to Filing Date
A. Total number copies printed (net press run)	5,240	5,100
B. Paid circulation		
1. Sales through dealers and carriers, street vendors and counter sales	3	3
2. Mail subscriptions	4,945	4,918
C. Total paid circulation	4,948	4,921
D. Free distribution by mail, carrier or other means, Samples, complimentary, and other free copies	190	30
E. Total distribution (sum of C and D)	5,138	4,951
F. Copies not distributed		
1. Office use, left-over, unaccounted, spoiled after printing	102	149
2. Returns from news agents	0	0
G. Total (Sum of E & F - should equal net press run shown in A)	5,240	5,100

ERDA AT FOX VALLEY

"Energy Alternatives" will be presented at the Fox Valley Subsection meeting on Wednesday, December 7, 1977 by John J. Purcell, Director, Chicago office of the Energy Research and Development Administration (ERDA). A brief overview of our present energy position will be given and an insight to our future energy alternatives. This would include solar energy in various forms; geothermal energy, fission and fusion nuclear power, magneto-hydrodynamics and other forms of energy.

Mr. Purcell received a B.S. in Mechanical Engineering from IIT; graduated from the International School of Science and Engineering; has had 15 years experience in the nuclear reactor development program with the Atomic Energy Commission and is more recently involved in the Solar Energy Program at ERDA.

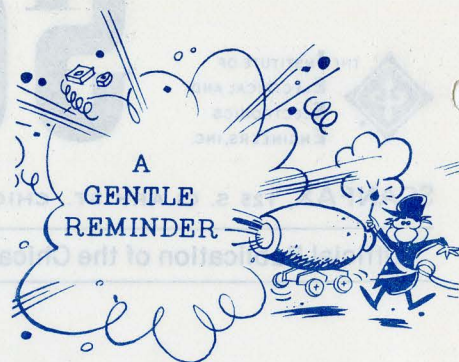
Call the IEEE office (236-4609) for reservations prior to December 6.

"ANTENNA DEVELOPMENT FOR RADIO COMMUNICATIONS"

The Vehicular Technology Group will have as its speaker on Wednesday, December 7, 1977, Paul Cornell of Bird Electronic Corporation. A program on the development of antennas for radio communications and the consequent development of power measuring equipment will be presented by Mr. Cornell together with a demonstration of various power measuring techniques. Mr. Cornell has been with Bird Electronic Corporation for 10 years. He was formerly with the FCC and U.S. Signal Corps.

A Bird Wattmeter, model 43 will be offered as a door prize to dinner guests by the local distributor, Spectronics, Inc.

Cost of a butt steak dinner is \$7.00, tax and tip included. Reservations can be made by calling the VTG meeting coordinator on 576-6567.



Achtung! Wir sind blowenfusen and poppencorken. Es ist nicht easy zu publish Scanfax mid out copy von you.

What we're cleverly (at least we think so) trying to impress you with is that we need copy covering your meetings. Give us the subject of the meeting, speaker's name, date, time and location plus information on the meeting itself and a biography of the speaker.

Mail copy no later than the first of the month. Send it to the IEEE office - 125 South Clark Street - Room 1545 - Chicago 60603.

Remember, it pays to advertise. They can't go if they don't know.

IEEE 1978 ELECTION RESULTS

Election results for 1978 officers have just been announced by the Institute of Electrical and Electronics Engineers, the world's largest engineering society.

The President will be Dr. Ivan A. Getting, President of Aerospace Corporation. He defeated Irwin Feerst in the third contested election held by the Institute. Dr. Getting will succeed Dr. Robert M. Saunders, Professor of Electrical Engineering at the University of California (Irvine). Elected Executive Vice President, Dr. C. Lester Hogan, who defeated Carleton A. Bayless.

There were three Constitutional amendments on the ballot. Proposition One, which calls for submission of all board-nominated candidates for office by May 1 of each year and all petition candidates by June 1 instead of July and August as now specified, passed. Proposition Two, which proposed changes in the Regional representation of the Board of Directors so that there will be seven geographical Regions, six of them in the United States and the seventh comprising all other areas, did not carry. Position Three, which provides for concurrence of any dues or assessment increase by a simple majority vote on a ballot to members, did not carry.

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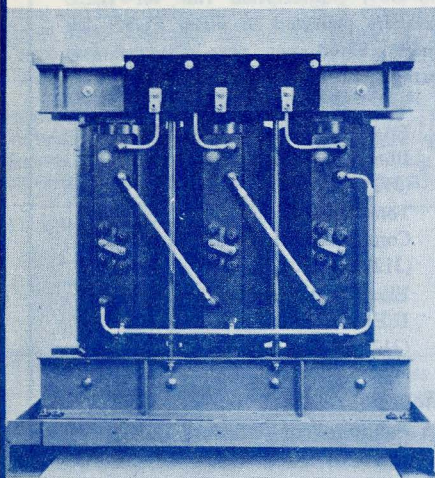
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Continuing the fall program an extended series of 6-wk. even. and Sat. professional courses in microprocessor tech. (intro./inter. levels) will be offered. Three 6-wk. periods or "hexamasters" begin Feb. 6, Mar. 26 and May 8, 1978. Subjects include separate courses on Microprocessor Funda.; 6800 Sys./Appl.; 8080 Sys./Appl.; 6800 Programming; 8080 Programming & Interfacing. The courses may be taken in sequence. In addition, short 3-wk. sessions on specific microprocessors (6502, 1802) and in construction and start-up of small systems are planned. For prospectus write Thos. J. Dunsheath, Northwest Technical Center, Inc., 1155R Waukegan Rd., Glenview 60025, (312) 724-8536.