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Official Publication of the Chicago Section • Institute of Electrical & Electronics Engineers • March 1978

CALENDAR OF EVENTS

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

Mar. 1	"High Capacity Mobile Telephone"	Fox V. Sub. (j w/Comm. Soc. & VT Grp.)	The Back Door 30W150 Roosevelt Rd. West Chicago	Dinner Meeting 8 PM
8	"Why or Why Not Buy from Lowest Bidder?"	IAS/IECI	Nielsen's Village 7330 W. North Ave. Elmwood Park	Cockt. 5:30 PM Dinner 6:15 PM Meeting 7:15 PM
14	Monthly Meeting — ALL WELCOME	IEEE Exec. Cte.	Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting 7:30 PM
15	"Electric Vehicles"	PES	Stouffer's Rest. 32 E. Randolph St. Chicago	Cockt. 11:15 AM Lunch 11:45 AM Program follows
21	Theatre Party — Ladies' Night	APS/MTTS (Call S. Sanzgiri 997-5489/996-2967)	Shubert Theatre 22 W. Monroe St. Chicago	Show 8 PM
27	"Automatic Instrumentation"	NW Sub.	Hewlett-Packard Corp. Cafeteria, 5201 Toll- view Dr., Roll. Mdws.	Cockt. 6 PM Dinner 7 PM Meeting 8 PM
Apr. 5	"Computers in Health Screening"	Fox V. Sub. (j w/Comput. Soc. & EMB)	Flame Steak House 17W361 Roosevelt Rd. Villa Park	Dinner 7 PM Meeting 8 PM
6	"The New Model 43 Teleprinter"	Comm. Soc. (Call George Wendt 982-3731)	Teletype Corp. Cafeteria, 5555 Touhy Ave., Skokie	Dinner 6:30 PM Meeting 7:30 PM
8	Midwest Acoustics Conference		Norris Center Northwestern Univ. Evanston	9 AM - 5:30 PM
10	"New NIPSCO Central Dispatch Office"	PES (j w/Cal. Sec.)	Gino's Steak House 163rd & Wallace St. Harvey	Cockt. 5:30 PM Dinner 6:30 PM Meeting 7:30 PM
11	Monthly Meeting — ALL WELCOME	IEEE Exec. Cte.	Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting 7:30 PM
12	"Industrial Applications- Microprocessors"	IAS/IECI	Nielsen's Village 7330 W. North Ave. Elmwood Park	Cockt. 5:30 PM Dinner 6:15 PM Meeting 7:15 PM
24-26	American Power Conference		Palmer House State & Monroe Sts. Chicago	
29	IEEE Recognition Dinner		Ramada O'Hare Inn Mannheim & Higgins Rosemont	Cockt. 6 PM Dinner 7 PM

The Broadway hit, "A Chorus Line" is the main social event planned by the AP/MTT Societies for their annual Ladies' Night. The play is at the Shubert Theatre, 22 West Monroe Street in downtown Chicago. Showtime is 8:00 P.M. Chorus Line is widely acclaimed and is the winner of the New York Drama Critics Award, Antoinette Perry Award and Pulitzer Prize. Date is March 21, 1978.

A limited number of seats have been reserved. Ticket price is \$7.00 per person (\$2.00 off from regular price).

For reservations, call S. M. Sanzgiri at 996-5489 or 996-2967 (during the day) or 498-2836 (in the evening). Guests are welcome. After the show, those interested will congregate at a nearby restaurant.

"NEW MODEL 43 TELEPRINTER" AT COMMUNICATION MEETING

A discussion of the application of some of the electrical, mechanical and electro-magnetic technology in the design of a new and different teleprinter will be held on Thursday - April 6, 1978 at the Teletype Corporation. The program will include slides and equipment display by those who participated in its design.

Roast sirloin of beef dinner will be served at 6:30 P.M. in the cafeteria of Teletype, which is located at 5555 West Touhy Avenue in Skokie. The cost is \$7.75. The meeting will be held at 7:30 P.M. Parking will be available in the west parking lot off of Touhy Avenue.

For reservations call George Wendt, Communication Society Chairman and coordinator at 982-3731.

IEEE SALARY, FRINGE BENEFIT SURVEY FIGURES REPORTED

The results of the 1977 survey of members of the IEEE have been published. The survey, based on a sample of 9,227 U.S. members of IEEE was prepared for the U.S. Activities Board by Dr. Steven Langer, Managing Consultant of Abbott, Langer & Associates, Chicago-based management consultants in personnel management and industrial psychology.

It shows that the average annual income of survey participants was \$27,496 during a 12-month period from July 1, 1976 through June 30, 1977. This compares with a figure of \$23,544 in a 1975 survey and one of \$18,808 for 1972. This salary figure indicates that the average U.S. member of IEEE has done better than the rate of inflation over the last two years, reversing a trend reported in the 1975 survey.

Unemployment, the survey reports, is "surprisingly low" with eight tenths of one percent of all members unemployed involuntarily as of June 30, 1977. Over three fourths of those replying to the survey questions, or 76.7 percent, were employed full time in their area of primary technical competence.

Geography makes a difference. Those in the Northeastern states have mean annual incomes of \$29,161 followed by \$28,535 in the Western states and \$28,225 in the Eastern states. The lowest average earnings were in the Southwestern states, \$25,417 preceded by the Central states with \$26,200 and the Southeastern states with \$26,625.

Highest incomes went to those in engineering management, those working with electron devices and others in non-engineering management and sales. The lowest were in industrial electronics and control instrumentation, circuits and systems, reliability and education. Highest incomes also went to those in information systems, marketing, research and planning. At the other end of the scale were those in quality control, field construction, design and valuation/cost engineering. Highest mean income went to engineers employed by telephone companies followed closely by consulting engineers. Those receiving the lowest mean incomes are employed by educational services, electrical, gas and sanitary services, and manufacturers of instruments for measuring, controlling and indicating physical characteristics.

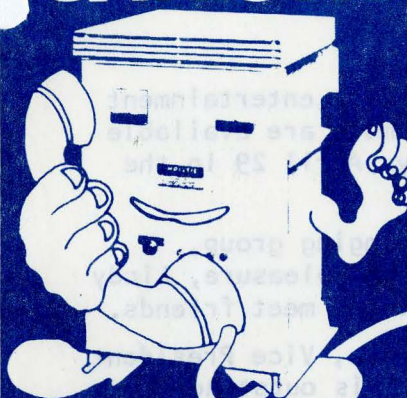
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1978 IEEE RECOGNITION DINNER

Where can you get a steak dinner, hors d'oeuvres, two cocktails, entertainment and dancing for \$30.00 per couple? Impossible? No! This and more are available to you at this year's Recognition Dinner to be held on Saturday, April 29 in the Penthouse Ballroom of the Ramada O'Hare Inn.

Plan on having a fun-filled evening with the "Mariah's," a singing group, comedian Herb Jubirt and the Mayo Bruno orchestra. For your added pleasure, Lindy Kao will entertain with his accordian and guitar while you dine and meet friends.

This year's recipient of the IEEE Fellow Award is Walter Behnke, Vice President of Commonwealth Edison Company. Mr. Behnke will be honored for his outstanding achievements in the field of Power Electricity. The Fellow Award is the highest award offered by the IEEE and is awarded only to engineers who have proven excellence in their respective fields. Come and help us honor Walter Behnke.

Committee members are: Jim Ralston, Allen-Bradley Company; John Bowler, Zenith Radio Corporation; Ray Hayden, Hayden Sales; Hankie Korman, Shigma, Inc.; Bernard Kuhse, Shigma, Inc.; Ruth Oldfield; Joe Puca, Motorola, Inc.; Frank Voltaggio, Northrop Corporation; Ralph Walker, Zenith Radio Corporation; Bob Warzin, Allen-Bradley Company; John Waters, Bussmann Manufacturing Division, McGraw-Edison; John Williams, Northrop Corporation.

Tickets for the Recognition Dinner may be purchased from John Bowler, Zenith Radio Corporation, 1000 Milwaukee Road, Glenview 60025 or call him at 391-7503.

Plan now! Attend the top social event of the year!

Date: Saturday — April 29, 1978

Time: 6:00 P.M. (cocktails) — 7:00 P.M. (dinner)

Where: Ramada O'Hare Inn — Penthouse Ballroom — Mannheim & Higgins Rds. — Rosemont
Entertainment:

Herb Jubirt — Comedian

Lindy Kao — Accordionist & Guitarist

"Mariah's" — Singing Group

Mayo Bruno — Orchestra

Fellow Award Recipient:

Walter Behnke — Vice President — Commonwealth Edison Company

Mail reservation to: John Bowler — 1000 Milwaukee Road
Zenith Radio Corporation — Glenview, Illinois 60025
(312) 391-7503

NAME _____

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Make checks payable to the IEEE Chicago Section