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CALENDAR OF EVENTS

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

COPY DEADLINE: 38 CALENDAR DAYS PRIOR TO PUBN. DATE

MAR. 5	Tour - Northrop Anechoic Facilities	Electro.Compa.Soc. (For reser., H. R. Hofmann, 979-3627)	Northrop Corp. 500 Hicks Rd. Rolling Meadows, IL	Tour	7:00 PM
12	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	Allen-Bradley Co., 910 Pasquinelli Dr., Westmont	Meeting	7:30 PM
13	"Trends in PC Graphics Peripherals"	Industry Appls./ Industrial Electronics Soc.	Mr. Peter's Rest. 1018 Mt. Prospect Plaza (NE cor. Rand, Central)	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
13	"Amorphous Metal Cores in Distn. 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
16	Tour - Bell Laboratories	Northwest Sub.	Bell Laboratories Naperville, IL	Tour	9:00 AM
19	"Cryptography"	Communications Soc. (j/w ACM)	Standard Oil Bldg. Michigan & Randolph Chicago, IL	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
27	"Research on the R&D Function"	Fox Valley Sub.	Wilton Manor 2200 N. Main St. Wheaton, IL	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
28-6/12	Spring Quarter Classes	Midwest College of Engineering	Midwest Coll. of Engrng. 440 S. Finley, Lombard	(Call Joan Younger, 627-6850)	
APR. 2	1) "Filtered Connectors for Comm.	Electro.Compa.Soc. & Military Applications	(Inf., H. R. Hofmann, 979-3627)	2) "Canadian EMC Developments"	
6 & 13	Seminar - "BASIC Programming for Engineers"	Northwest Sub. (Inf., Howard Myers 815: 459-0100)	Holiday Inn Rtes. 53 & 62 (Algonquin Rd.) Rolling Meadows, IL		9:00 AM--1:00 PM
9	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	Allen-Bradley Co., 910 Pasquinelli Dr., Westmont	Meeting	7:30 PM
10	Student Night - "Solar Cell/Photo-voltaic Tech."	Industry Appls./ Industrial Electronics Soc.	Mr. Peter's Rest. 1018 Mt. Prospect Plaza (NE cor. Rand, Central)	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
10	"138 KV Solid Dielectric Cable"	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
15	"Photonics"	Communications Soc.	Sheraton-Naperville 1801 N. Naperville Blvd., Naperville, IL	Dinner Meeting	6:15 PM 7:00 PM
22-24	American Power Conference	IEEE Power Engrng. Soc., IIT & 8 Soc.	Palmer House, State & Monroe Sts., Chgo.	(Inf., Dr. G. F. Saletta, 567-3406)	
24	"The Ford Mustang: Behind the Scenes"	Fox Valley Sub.	Wilton Manor 2200 N. Main St. Wheaton, IL	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
27	Recognition Dinner	IEEE Chicago Sec. (Inf./res., Steven Smidler, 325-6750)	Drake Oak Brook Hotel West 22nd & York Rd. Oak Brook, IL	Social Dinner Enter.	6:00 PM 7:00 PM 8:30 PM
27	MAC '85 (Midwest Acoustics Conf.) "Audio Cinemagic"	Audio Engrng. Soc., Chgo. Acous. & Audio, CRC of ASA & IEEE	Film Ctr., School of Art Inst. of Chgo., Columbus Dr./Jackson	9:00 AM--4:00 PM (Inf., Brian Homans, 677-3340)	

BEHNKE TO KEYNOTE T&D EXPO MAY 13 - Chicago Section IEEE Fellow Wallace B. Behnke, Vice Chairman, Commonwealth Edison Company will be the keynote speaker for the T&D EXPO to be held at O'Hare Expo Center May 13-16, 1985. At 6:00 P.M. in the Mexicana Room of the Hyatt Regency O'Hare Hotel, Behnke will open the EXPO by focusing on an "Outlook for the Electric Utility Transmission and Distribution Business." He will discuss the generally unpublicized role of T&D in shaping public perceptions and offer some thoughtful insights for utility decision makers as to the role of T&D in keeping pace with changing needs and public expectations.

Theme of the technical conference and exposition, sponsored by Transmission & Distribution magazine, is "How to Improve Power Delivery Efficiency." Solutions to problems facing electric utilities in overhead, underground transmission lines and substations, and their related communication systems will be covered in 35 technical and business sessions by recognized utility, consultant and academic authorities, plus 17 tutorial sessions by electric utility equipment suppliers. Ample time has been provided for attendees to visit the more than 100 exhibitor booths to learn of the latest products and services that lead to more efficiency in power

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delivery. In addition, many of the exhibitors will be conducting demonstrations of equipment used in construction, maintenance and operation of electric utility facilities.

If you want more details on subject matter and how to register, contact John Tyner at 312/469-5534.

NORTHWEST SUBSECTION TO TOUR BELL LABS - The Northwest Subsection will tour Bell Labs in Naperville on March 16, 1985. Tour time is 9:00 A.M. and will be of their test installations.

The tour is limited to 60 persons. Make your reservation on or before March 13 by calling the IEEE office at 236-4609.

SCANFAX, (Publication) number (ISSN 0018-1297), March 1985 Volume 37, Number 7 SCANFAX is published monthly, except July and August by the Chicago Section. Institute of Electrical and Electronics Engineers for the information of its members. Business Office is at 125 S. Clark St., Chicago, Illinois 60603, telephone number (312) 236-4609. Subscription rate for IEEE members collected in dues. \$1.50; for others, \$3.00 per year. Second class postage paid at Chicago, Illinois Unless otherwise specified, Chicago Section IEEE neither endorses nor sanctions any positions or actions espoused in SCANFAX.

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IEEE RECOGNITION DINNER
Saturday - April 27, 1985

Join your associates for a great evening at this year's Recognition Dinner which will be held in the Grand Ballroom of the Drake Oak Brook Hotel located at West 22nd and York Road in Oak Brook, Illinois on Saturday, April 27.

Tickets for the Chicago Section event are \$28.00 per person and for this you get:
* Cocktails (6:00 P.M.) 2 per ticket * Hors d'oeuvres * Dinner (7:00 P.M.)
* Entertainment - Bobby Vee, famous singing and recording star * IEEE Fellow and Student Awards * Music for your dancing pleasure.

The Recognition Dinner is supported by contributions from electrical and electronic companies and you, as an IEEE member, and guests. Non-members are also invited. We need **your** support. Make reservations e-a-r-l-y; mail prior to April 14.

This year, the Chicago Section is honored to have three Fellow awardees. They are:
Professor Daniel Graupe - Department of Electrical & Computer Engineering, Illinois Institute of Technology, IIT Center

Professor Tadao Murata - Department of Electrical Engineering & Computer Science, University of Illinois at Chicago
For contributions to adaptive filtering and its application to stimulation of paraplegics and in prosthetics.

Professor Martin A. Plonus - Department of Electrical Engineering & Computer Science, Northwestern University, Technological Institute
For contributions to the understanding of electro-magnetic propagation through turbulent atmosphere and to engineering education.

Awards will also be presented to selected students from local college/universities.

1985 Recognition Dinner Committee Members are: Chairperson - Christine Ziola, Zenith Electronic Corporation; Secretary - Frank Lakowski, United Chemi-Con, Inc.; Treasurer - Trevor Hinchliffe, Flolo Electric Company; Solicitations - William Filletti, Zenith Electronic Corporation (and) Leonard Wislow, BECO, Inc.; Institutional Coordinator - Andy Gasiorowski, Allen-Bradley Company; Tickets - Steven Smidler, Allen-Bradley Company; Section Coordinator - George Stout, GPE Controls, Inc.

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For information: Steve Smidler
312/325-6750

Enclosed is my check in the amount of \$ covering reservations at \$28.00 each (\$56.00 per couple) for the 1985 IEEE Recognition Dinner at the Drake Oak Brook Hotel, Oak Brook, Illinois on April 27.

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UPDATE

PRESIDENT KILLS NSF AUTHORIZATION; SCORNS SECTION ON MANUFACTURING TECHNOLOGY — The portion of the National Science Foundation Authorization Act which amended the NSF Act of 1950 to place new emphasis on engineering research and education was passed by the Congress as part of the National Bureau of Standards Authorization Act (H.R. 5172). However, the President vetoed the bill because he disapproved the section on manufacturing science and technology.

The Manufacturing Science and Technology Act was attached to the NBS Authorization Act in the last weeks of the 98th Congress. In his statement of disapproval, the President stated: Title III of H.R. 5172 would establish a new program providing Federal financial support for a variety of research, development, education, and training activities, whose purported purpose would be to improve manufacturing technologies, including robotics and automation. These activities would total \$250 million during fiscal years 1985-1988, and represent an unwarranted role for the Federal government. The decisions on how to allocate investments for research on manufacturing technologies are best left to American industry. It is highly doubtful that this Act and resulting Federal expenditures would improve the competitiveness of U.S. manufacturing. The new role for the Federal government contemplated by Title III could also serve as the basis for a Federal industrial policy to influence our Nation's technological development. This Administration has steadfastly opposed such a role for the Federal government.

Staff people at NSF expect that special attention will be directed to the "engineering" amendments in the new Congress. Other items the NSF expects Congress to pursue are management of science and mathematics education programs, progress in the Engineering Research Center program, and plans to meet the instrumentation and facilities needs of university researchers. The issue of by-passing peer review of projects may also permeate Congressional consideration of the authorization and appropriation process.



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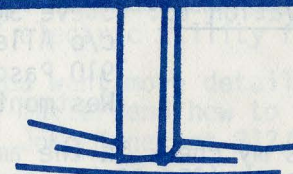
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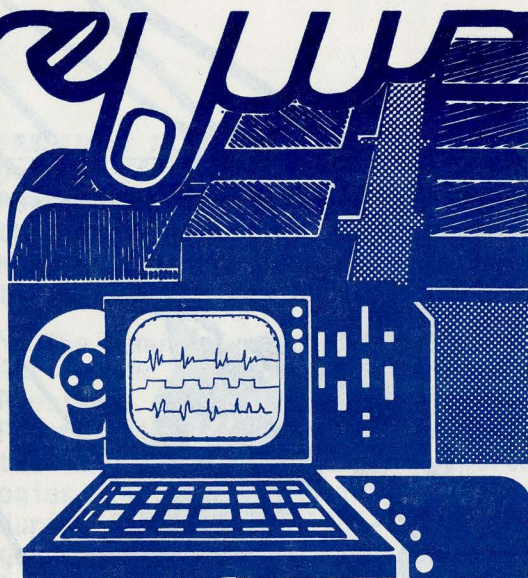
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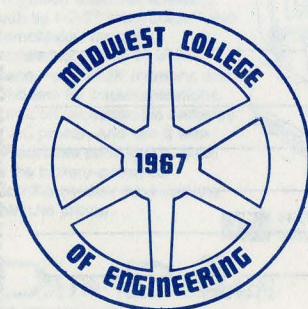
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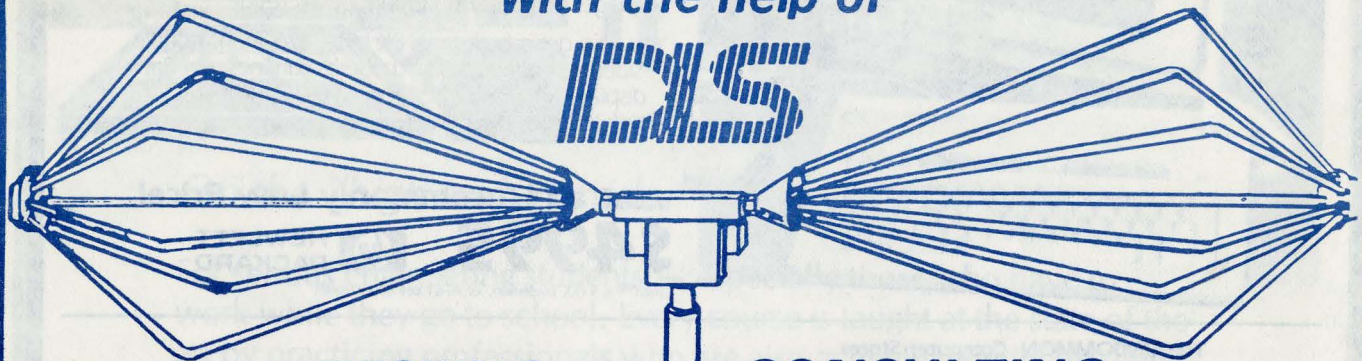
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