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CALENDAR OF EVENTS

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

COPY DEADLINE: FIRST OF THE MONTH

NOV.	5-8	COMPSAC Computer Software & Appls. Conf.	Computer Soc. (Call Martha Evens, 567-5156)	The Palmer House State & Monroe Sts. Chicago		
	6-8	MIDCON/79	Chicago & Dallas Sections, Regions IV & V	Hyatt Regen. O'Hare O'Hare Expo. Center Rosemont	9:30 AM--6:00 PM (6th & 7th); 9:30- 5:00 PM (8th)	
	12	"Fiber Optic Communications"	Antennas & Prop./ Micro. T & T Soc. (j/w Comms. Soc.)	Louis' Place 351 E. Lake Addison	Social 5:30 PM Dinner 6:30 PM Meeting 7:30 PM	
	12-13	Chicago Fall Conf. on Consumer Electronics	Chgo. Sec., BCCE (Call Bob Rockwell, 391-7678)	Ramada O'Hare Inn 6600 N. Mannheim Rd. Des Plaines	9:00 AM--	
	13	Monthly Meeting - ALL WELCOME	CANCELLED (See art.on pg.2)	Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting 7:30 PM	
	14	"Train Operations Recorder" (TOR II)	Northwest Sub. (j/w Vehicular Tech. Grp.)	Mr. Peters Rest. Rand Rd. (Shop.Mall) Mount Prospect	Social 6:00 PM Dinner 7:00 PM Meeting 8:00 PM	
	14	"Sub. Fluids for Askarel in Power Transformers"	Power Engrng. Soc.	Stouffer's Rest. 32 E. Randolph St. 2nd Fl., Chicago	Social 11:15 AM Lunch 11:45 AM Program follows	
	28	"Bubble Memory Technology"	Reliability Soc. (j/w Computer Soc., Circuits & Sys.)	Holiday Inn Algonquin Rd./Rt.53 Rolling Meadows	Social 6:00 PM Dinner 7:00 PM Meeting 8:00 PM	
DEC.	5	"Fusion Research"	Fox Valley Sub.	Branding Iron Rest. 3131 Finley Rd. Downers Grove	Social 6:00 PM Dinner 7:00 PM Meeting 8:00 PM	
	10	"Satellite Communications"	Antennas & Prop./ Micro. T & T Soc. (j/w Comms. Soc.)	Louis' Place 351 E. Lake Addison	Social 5:30 PM Dinner 6:30 PM Meeting 7:30 PM	
	11	Monthly Meeting - ALL WELCOME		Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting 7:30 PM	
	12	"Vacuum Switchgear"	Power Engrng. Soc.	Stouffer's Rest. 32 E. Randolph St. 2nd Fl., Chicago	Social 11:15 AM Lunch 11:45 AM Program follows	
	12	To be announced	Indus. Appls. Soc. (j/w Engrng.in Med- icine & Biol. Soc.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social 5:30 PM Dinner 6:15 PM Meeting 7:15 PM	
	13	"The Economics of Distributed Processing"	Computer Soc. (Call Ralph Wallace, 647-9000)	Standard Oil Bldg. 200 E. Randolph Dr. (Cafeteria), Chgo.	Social 5:30 PM Dinner 6:30 PM Meeting 7:30 PM	

CHICAGO SECTION CANCELS NOVEMBER 13 EXECUTIVE MEETING

The monthly meeting of the Chicago Section's Executive Committee, normally held on the second Tuesday of each month, has been cancelled. Instead, members will meet informally at the Region IV meeting which will be held at the Hyatt Regency O'Hare in the Viscount Room on Tuesday, November 6 from 8:00 AM to 4:30 PM. A reception will be held between 6:00 PM and 8:30 PM in the International Ballroom. There is a \$10.00 advance registration for the reception, \$12.00 at the door.

COME TO IAS/IECI EXHIBITORS NIGHT — FREE

The Industry Applications Society and Industrial Electronics Control Instrumentation Chapter Exhibitors Night will be held on Monday — November 12, 1979 from 5:30 PM to 9:30 PM at the Holiday Inn, 4400 Frontage Road in Hillside. See displays and demonstrations of the latest in equipment by national and Chicago area manufacturers. Admission is free. For further information, contact Lance Hillstrom, IAS/IECI Chairman at Weldy-Lamont Associates, Inc., 398-4510 or George Thomas at Contemporary Control Systems, Inc., 963-7070.

RAISE FLAG OF PRAISE FOR JOHN ZINKUS

At the October 9, 1979 monthly meeting, the Chicago Section's Executive Committee unanimously voted an extension of thanks to John Zinkus for his outstanding contributions as Chairman of the G6 Vehicular Technology Group. John submitted his resignation due to changes in his job. Taking over the helm will be Richard Schnedorf. Both men are with the Federal Communications Commission.

WHAT FLUIDS TO SUB FOR ASKAREL IN POWER TRANSFORMERS?

Where fire-resistant transformer construction is needed or specified, the Askarel (PCB)-filled transformer, by law, can no longer be purchased. At the Power Engineering Society meeting on Wednesday — November 14, 1979 Jerry Grimes, Design Engineer of Westinghouse Electric Corporation will discuss where we stand in the transition to alternate options for these transformers and where we are headed in the field of development. What are the constraints on design, what degree of flammability is safe enough, what are the relative costs of substitute fluids, and how acceptable are they environmentally — answers to these questions will be part of his discussion.

Jerry is in the Development Engineering Department of the Westinghouse Small Power Transformer Division. He has been involved in the designing of framing for cores and coils, tanks and cooling systems for rectangular designed transformers. Jerry is a member of the IEEE and ASME and a member of the IEEE working group on Transformer Reliability. He received a BSME from Lamar University in Beaumont, Texas in 1971 and joined Westinghouse the following year.

The luncheon meeting will be held at Stouffer's Restaurant, 32 East Randolph Street, 2nd Floor, Chicago. Cocktails 11:15 AM, lunch 11:45 AM and the meeting will begin at 12:30 PM. For reservations, call Eleanore at the IEEE office on 236-4609.

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Change of Address

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PLANNING FOR 1980 AMERICAN POWER CONFERENCE

Even though the Conference is several months away, planning is already underway for the 1980 American Power Conference. At a series of seven planning meetings on October 17, 18 and 19, more than 100 engineers and educators set the theme of the 1980 Conference and selected from some 600 suggested programs of 180 papers which will be of greatest usefulness to the industry.

This will be the 42nd year of the Annual Conference and is directed to those in the fields of Power, Generation, Transmission, Distribution, Utilization, Fuels, Water Technology, Education, Research, Sales, and Management. The American Power Conference will be held on April 21 through 23, 1980 at the Palmer House, Chicago.

Pictured below are some of the Conference leaders that made the 1979 Conference a success. Seated (l to r): John Waters, Chairman, Chicago Section IEEE; John R. Kiely, Consultant, Bechtel Power Corporation; Herbert H. Woodson, President, Power Engineering Society. Standing (l to r): Eric T. B. Gross, Professor Emeritus, Rensselaer Polytechnic Institute and also Eastern Representative, American Power Conference; William A. Lewis, Western Representative, American Power Conference; Edward Whitehead, Rocky Mountain Representative, American Power Conference; Ralph Armington, Director, American Power Conference; Robert Porter, Assistant Secretary, American Power Conference; George Austin, Area Chairman, IEEE; Dave Schroeder, Chairman, Chicago Chapter, Power Engineering Society; Peter Rusche, Director, Region IV, IEEE; Richard Bulley, Secretary, Region IV, IEEE.



COMING TO THE FOREFRONT — BUBBLE MEMORY TECHNOLOGY

Bubble Memory Technology is coming to the forefront of new product design selection. It presents a cost-effective solution of small portable data storage requirements and a host of applications. At the Reliability Society meeting on Wednesday, November 28, 1979 BMT's development history and product reliability will be reviewed through a discussion of Texas Instruments participation in this fast developing market. The speaker will be Brent Wientjes of Texas Instruments. Meeting locale is the Holiday Inn in Rolling Meadows with social hour 6:00 PM, dinner 7:00 PM and meeting 8:00 PM. Call Reliability Chairman, Ray Schirmer at 647-8800, ext. 2718 for reservations to this joint meeting with the Computer Society and Circuits & Systems.

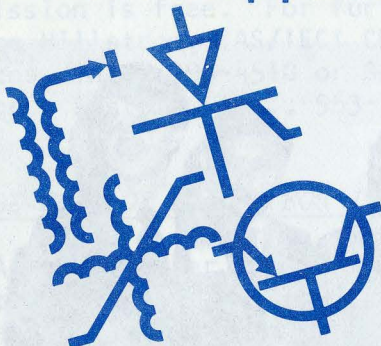
ENCOURAGE STUDENT ATTENDANCE — IT'S THE BEST DEAL IN TOWN!

Don't forget to remind your IEEE student membership friends that they can attend any local Chicago Section Group, Society or Subsection technical meeting or tour for only \$1.00! This dollar includes the cost of any meal up to \$10.00. Since a typical meeting with dinner costs between \$7.00 to \$10.00 for regular members, the \$1.00 cost becomes a considerable benefit for students.

Pass along your copy of Scanfax to your IEEE student friends so that they can pick the meetings they want to attend. Better yet, offer to pay their way to a dinner meeting; it will only cost you \$1.00!

For more information on how to bring IEEE student members into the action, contact Mike Barnes, Student Activities Chairman at Motorola, Inc., 1301 East Algonquin Road, Room 2912, Schaumburg 60196, (576-2440).

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TRAIN OPERATIONS RECORDER (TOR II)

TOR II will be the subject of a joint dinner meeting by the Northwest Subsection and the Vehicular Technology Group on Wednesday - November 14, 1979.

Developed by Vapor Corporation, TOR II is a micro-processor based system to serve as an onboard recorder of locomotive engineman tasks and reactions. The system monitors key functions on the locomotive and records their status on magnetic tape. The recorded tape is later analyzed by a microcomputer at a playback site. Exceptions to standard operating procedures are printed out for dispersion to appropriate road foremen.

A brief background of locomotive recording systems leading up to TOR will be described, as well as the design and development of the onboard microprocessor system and the design and development of the playback system.

The program will be presented by three members of Vapor Corporation's engineering staff; Messrs. George Carlson, Rick Noens, and Richard Stumpf. Meeting location is Mr. Peters Banquet Hall in the Mount Prospect Shopping Plaza, Mount Prospect. Social hour is 6:00 PM, dinner 7:00 PM and the meeting will be held at 8:00 PM. Call the IEEE office (236-4609) for reservations.

—Adv—



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