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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 PUBN.

SEPT. 7	"Control Systems Design Using Board-Level Micro. Prods."	Industry Appls./ Industrial Elec- tronics Soc.	Mr. Peters Banquets 1018 Mt. Prospect Plaza Rand & Central Rds.	Social 5:30 PM Dinner 6:15 PM Meeting 7:15 PM
13-15	MIDCON '83	Chicago & Dallas Sections and Regions 4 & 5	O'Hare Expo. Center 9301 Bryn Mawr Ave. Rosemont	(For infor., call Dale Litherland, 213: 772-2965)
14	Monthly Meeting - ALL WELCOME	IEEE Executive Cte. (In conjunction with MIDCON '83)	Hyatt Regency O'Hare 9300 Bryn Mawr Ave. Rosemont	Meeting 5:00 PM
14	"Chicago Area Deep Tunnel Project"	Power Engrng. Soc.	Continental Restaurant C&A Building - Jackson & Wabash Aves., Chgo.	Social 11:30 AM Lunch 12:00 PM Meeting 12:30 PM
19	"Cellular Mobile Telephone Systems"	Antennas & Prop./ Micro. Theory & Techniques Soc.	Louis Restaurant 351 E. Lake St. Addison	Social 5:30 PM Dinner 6:30 PM Meeting 7:30 PM
20	"Synthetic Speech Technology"	Northwest Sub.	Mr. Peters Banquets 1018 Mt. Prospect Plaza Rand & Central Rds.	Social 6:00 PM Dinner 7:00 PM Meeting 8:00 PM
21	"Computer Network"	Communications Soc.	Wilton Manor	Social 6:00 PM
29	"Personal Computing for the Engrng. Professional"	Fox Valley Sub.	Wilton Manor Geneva & Main Sts. Wheaton	Social 6:00 PM Dinner 7:00 PM Meeting 8:00 PM
OCT. 11	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	McDonald's Plaza NE corner McDonald Dr. at 22nd, Oak Brook	Meeting 7:30 PM
12	"Power Line Conditioning"	Industry Appls./ Industrial Elec- tronics Soc.	Mr. Peters Banquets 1018 Mt. Prospect Plaza Rand & Central Rds.	Social 5:30 PM Dinner 6:15 PM Meeting 7:15 PM
12	"Acid Rain"	Power Engrng. Soc.	Carson Pirie Scott Wabash & Monroe Sts. Highland Rm., 8th Fl.	Social 11:30 AM Lunch 12:00 PM Meeting 12:30 PM
15	Tutorial-"Relia. Prediction of Elec- tronic Equipment"	Reliability Soc. (See article on pg. 2 re. reser.)	Drake & Son Comm. Ctr. 625 Busse Highway Park Ridge	Coffee 8:30 AM Tutorial 9:30-3:00 Lunch (inc.) Noon
17	"Large Antenna Systems"	Antennas & Prop./ Micro. Theory & Techniques Soc.	Louis Restaurant 351 E. Lake St. Addison	Social 5:30 PM Dinner 6:30 PM Meeting 7:30 PM
24-26	1983 Natl. Comms. Forum/Natl. Elec- tronics Conference	National Engrng. Consortium and 13 Midwestern Univ.	Marriott Hotel 1401 W. 22nd Oak Brook	(See article on pg. 4 and ad on pg. 5)
26	"Current Appls. & Trends in Bio- Medical Electronics"	Fox Valley Sub.	Wilton Manor Geneva & Main Sts. Wheaton	Social 6:00 PM Dinner 7:00 PM Meeting 8:00 PM

GEORGE THOMAS TO SPEAK AT KICK-OFF MEETING OF IAS/IES - The kick-off meeting of the Industry Applications/Industrial Electronics Society will be held on Wednesday, September 7, 1983. Mr. Thomas' talk is intended to inform engineers of the methods used in applying board-level microcomputer products to control systems. Topics such as hardware selection, software writing, documentation and system testing will be discussed. Comparisons will be made to traditional design approaches such as programmable controllers and electro-mechanical controls. A step-by-step design procedure will be discussed along with a case history, concluding with a summary of the pitfalls to avoid and the advantages to be realized with a board-level microprocessor design.

George Thomas is President of Contemporary Control Systems, Inc. who specializes in the application of microprocessor-based controls and manufactures a line of STD-bus microcomputer modules. Mr. Thomas received his BSEE and MSEE from Illinois Institute of Technology. He is currently Vice Chairman of the IEEE Chicago Section and is also a member of the Instrument Society of America (ISA). See Calendar of Events for meeting location/time.

RELIABILITY SOCIETY TO PRESENT TUTORIAL - On Saturday, October 15, 1983 the IEEE Reliability Society of Chicago will present a tutorial on the content and application of the Military Handbook - 217D, Reliability Prediction of Electronic Equipment. This review will focus on integrated circuits, discrete semiconductors, resistors and capacitors. Also, other specifications, standards and data banks will be discussed as they relate to the overall reliability prediction methodology. The tutorial will be of benefit to engineers,

managers, quality personnel, designers and anyone else who is concerned with the design and production of reliable electronic equipment. It will be helpful to personnel in industrial and commercial companies as well as military contractors. Early registration is urged because of the limit to 30 attendees. To register, either call the IEEE office (236-4609), Arun Hundiwal (495-4180) or Hugh Edfors (369-8038). Then forward a check for \$20 if you're an IEEE member, \$30 for non-members, to: Don Kopp • TRW Eagle Controls Division • 1405 West Fullerton Avenue • Addison, Illinois 60101. Registration deadline is October 8.

"SYNTHETIC SPEECH TECHNOLOGY" is the topic of the opening meeting of the Northwest Subsection. Speaker will be Paul Koch, Manager of the Chicago Regional Technology Center for Texas Instruments. His organization is responsible for technical customer support for synthetic speech and other high technology semiconductor components. Mr. Koch is a member of the IEEE Computer and Professional Communications Societies. The meeting will be held on Tuesday, September 20, 1983.

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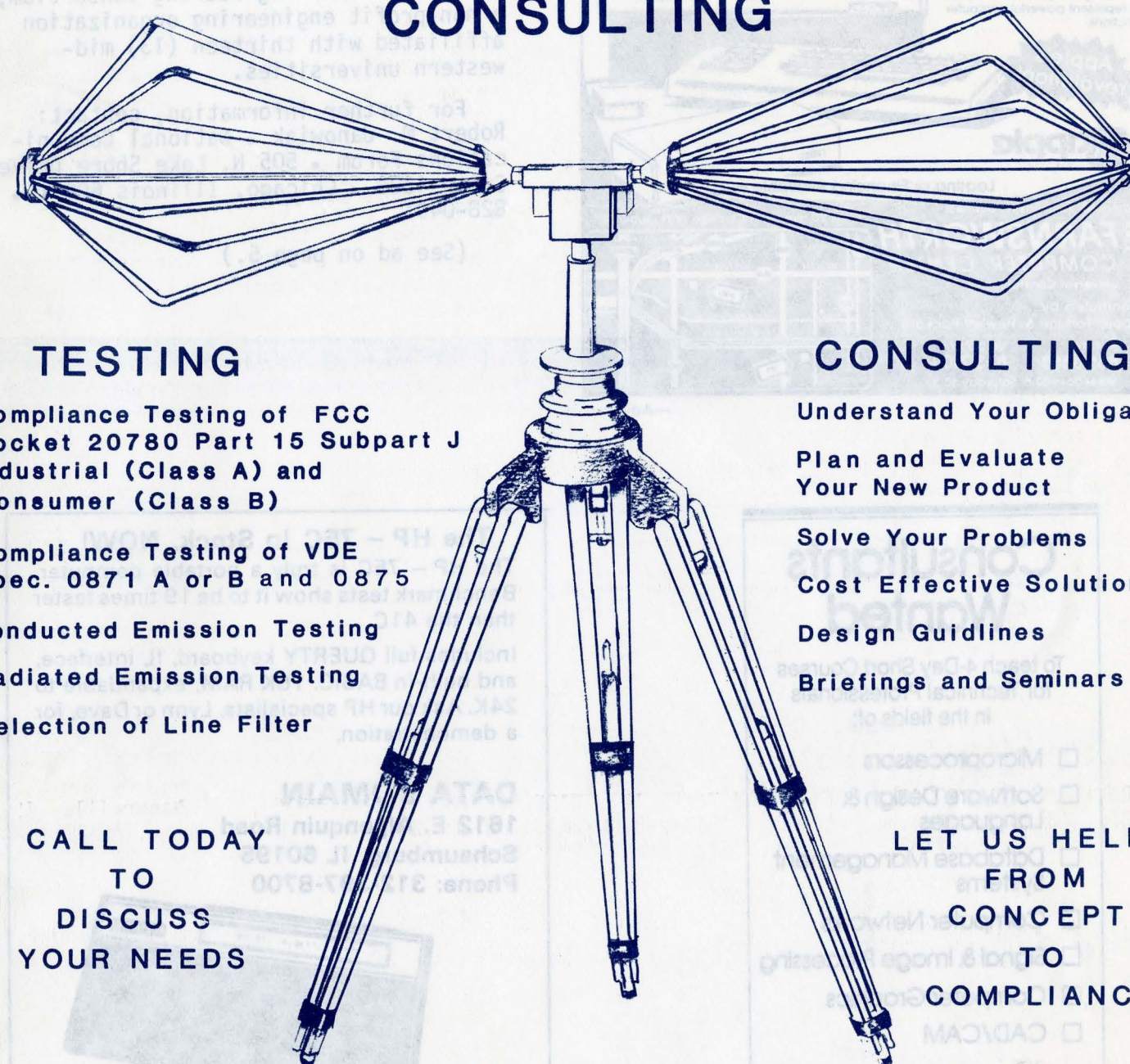
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11. Speech Recognition, Synthesis and Speaker Recognition Current Status and New Directions
12. Electromagnetic Interference Control—Emission and Immunity
13. Equal Access for Local Exchanges

TUESDAY, October 25

14. Trends in Digital Telecommunications Switching
15. Signaling Systems
16. Economic Engineering of Communications Systems
17. Competitive Loop Technologies
18. Computer Architectures for Transaction Processing — Where Are We?
19. Operating Systems for Telecommunications
20. Product Selection and Procurement in the Divested Environment
21. Cable TV/Videotex/Bypass Technology
22. Adaptive Systems
23. Integrated Voice/Data Networks — Has the Time Come?
24. New Systems and Concepts in Mobile Telecommunications
25. High Availability Computing
26. Personal Business Computers, Intelligent Terminals and Communications Applications

WEDNESDAY, October 26

27. The Expanding Role of Mobile Telecommunications
28. Current Issues in Local Area Networks
29. Network Protocols
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31. Long Distance Optical Transmission
32. International Telecommunications Opportunities
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34. Communications Satellite Technology
35. Network Transmission Terminal Developments for the Decade of the 80s
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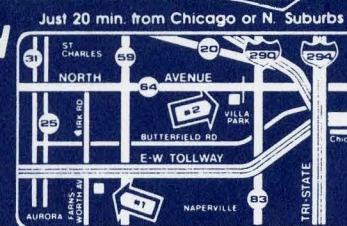
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(See ad on page 5.)

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