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CALENDAR OF EVENTS

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

OCT.	4	"Laser Industrial Applications"	Fox Val. Sub. (j w/IAS-IECI)	Back Door Rest. 30W15 Roosevelt Rd. West Chicago	Social Dinner Meeting	6:30 PM 7:00 PM 8:00 PM
	7	Tour of Western Electric Company - Cable Making Facilities	Fox Val. Sub.	23rd Pl. & Cicero Ave. Cicero		8:30 AM
	10	Monthly Meeting - ALL WELCOME	IEEE Exec. Cte.	Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting	7:30 PM
	11	"Vacuum Break Switchgear"	IAS/IECI (j w/PES)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
	16-18	NCF-NEC/78	Natl. Engrng. Consortium, Inc. 325-5700	Hyatt Regency O'Hare River Rd. at Kennedy Expwy. Rosemont	(see article on pg. 3 and ad on back page)	
	17	"Space Shuttle Program"	APS/MTTS	Black Steer Rest. 6446 W. North Ave. Chicago	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
	18	"The Attack on Technology"	WSE (co-spon. by IEEE Chgo. Section)	Midland Hotel 172 W. Adams St. Chicago	Social Lunch Program follows	11:30 AM 12 noon
	18	"RADC Views on LSI Standardization & Reliability Modeling"	Reli. Grp. (co-spon. by Milw. Chap. SRE, NE Ill. Sec. ASQC)	Holiday Inn 1-94 at Hwy. 132 Gurnee	Social Dinner Meeting	6:15 PM 7:00 PM 8:00 PM
NOV.	8	Tour of Joslyn Mfg. & Supply Company - Research & Develop. Div.	NW Sub.	1525 Lake Avenue Woodstock	Morning	
	11	Tour of RTE-ASEA Transformer Plant	PES (j w/IAS/IECI)	Waukesha, Wis.	Morning	
	14	Monthly Meeting - ALL WELCOME	IEEE Exec. Cte.	Brown & Root Offices 2001 Spring Rd. Oak Brook	Meeting	7:30 PM
	14-15	The "E" Show	For details call 297-1000	O'Hare Expo. Ctr. Rosemont	(see ad on back pg.)	
	21	"Surface Acoustical Wave Transmission & Reception"	APS/MTTS	Black Steer Rest. 6446 W. North Ave. Chicago	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM

APS/MTTS PRESENTING "SPACE SHUTTLE PROGRAM"

The Space Shuttle Program, with the reusable manned spacecraft, is a fascinating technological field of exploration. Speaker will be George Abbey, Director of Flight Operations at the Lyndon B. Johnson Space Center in Houston.

Mr. Abbey will summarize the Space Shuttle Program, present an animated film of the space shuttle in operation and actual footage of the recently completed space shuttle flight tests at Edwards Air Force Base in California. He is responsible for operational planning and for the overall direction and management of flight crew and flight control activities for all manned space flight missions.

The meeting will be held on Tuesday — October 17, 1978 at the Black Steer Restaurant, 6446 West North Avenue in Chicago. Social hour 5:30 PM, dinner 6:30 PM and meeting 7:30 PM. For reservations call the IEEE office, 236-4609.

"THE ATTACK ON TECHNOLOGY" BY DR. SURAN

On Wednesday — October 18, 1978, Dr. Jerome J. Suran's topic will be "The Attack on Technology" at a luncheon meeting of the Western Society of Engineers. Dr. Suran is Manager, Electronics Laboratory of the General Electric Company. He is also currently Vice President of Educational Activities with the IEEE.

The U.S. faces severe problems which modern technology can play a significant role in alleviating or solving. At the same time, technology is under attack by several segments of society for being the cause of many of these problems. It is time for engineers to undertake a massive public education campaign to counter these attacks and to increase the public level of understanding of the true nature of the technological base of modern civilization.

Co-sponsored by the Chicago Section of the IEEE (John E. Waters, Chairman), the luncheon will be held at the Midland Hotel, 172 West Adams Street (Adams near LaSalle), Lower Level, Chicago. Social 11:30 AM, buffet luncheon 12 noon, followed by the program. Make reservations by calling 236-4609, which is the IEEE office.

IN MEMORIAM

Mr. John S. Brown passed away on June 1, 1978 after an illness of one week. He had been a member of the IEEE for 35 years; a senior member for 30 years. He was founder and first chairman of the Chicago Chapter of PGAP in 1947; chairman of the Chicago Section of IRE in 1955-56, as well as a member or chairman of numerous IEEE committees.

In the past 35 years, he held a variety of high level engineering positions at the corporate headquarters of Andrew Corporation in Orland Park, in addition to bearing heavy responsibility for technology transfer between Andrew plants throughout the world. He chaired several EIA (Electronic Industries Association) engineering standards committees. He was also chief U.S. delegate to standards committees of the IEC (International Electrotechnical Commission), representing the U.S. at many meetings in the capital cities of Europe.

Mr. Brown was widely known in the Chicago Section and will be sorely missed by his many personal and industry friends.

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RELIABILITY GROUP CO-SPONSORING TALK

Mr. Allen P. Converse of the RADC, Griffiss AFB, New York will speak on Wednesday — October 18, 1978; his topic, "RADC Views on LSI Standardization and Reliability Modeling." Insight will be given to the selection and qualification of electronic parts and their reliability models, the recent RADC Microprocessor Reliability Status Report updated the lists of parts being qualified, discussed microprocessor software support programs and reliability field experience. The meeting is being co-sponsored with the Chicago Chapter, Reliability Group with the Milwaukee Chapter of the Society of Reliability Engineers and the Northeastern Illinois Section of the American Society for Quality Control.

Dinner cost is \$5.75 and will be held at the Holiday Inn in Gurnee (I-94 at Highway 132, adjacent to the Great America park). Cocktails 6:15 PM, dinner 7:00 PM and meeting 8:00 PM. Call the IEEE office at 236-4609 for reservations by October 16. For further information, call Henry Malec at 681-7100, extension 4511.

SCALAR SEMINAR ON MICROWAVE MEASUREMENTS PLANNED BY APS/MTTS

The Antennas and Propagation Society/Microwave Theory and Techniques Society is planning a Scalar Seminar on Microwave Measurements to be presented by Hewlett Packard Company located at 5201 Tollview Drive in Rolling Meadows.

This seminar is tentatively scheduled for a Saturday (12 noon to 5:00 PM) in February 1979. However, in order to proceed with the plans, a minimum attendance of 20 people is required. If you would be interested in learning the techniques of making scalar microwave measurements (Impedance, Return Loss, Insertion Loss), please contact Eleanore at the IEEE office (236-4609) for reservations. If more than 20 reservations are received, the details will be published in future Scanfax articles.

NCF-NEC/78 TO BE HELD ON OCTOBER 16-18

In recent years, the nation's communications research and manufacturing resources have expanded dramatically. NEC is presenting a unique continuing engineering education opportunity designed to keep the communications engineer and manager abreast of the latest developments in the communications field. The 1978 NCF program has been planned and is guided by top level communications industry executives who are cognizant of the areas of major technical interest to their engineering organizations.

Highlight of the NCF/78 continuing education program will be the presentation of thirteen New Technology Seminars. These intensive refresher seminars present the latest significant application and research development in the field of communications. The unique scheduling permits registrants to attend three complete seminars as well as the Technical Papers program, panel discussions and social activities.

The NEC will have a special conference session on "Technological Aids for the Handicapped." While particularly relevant to the handicapped, it is also of significance to the entire electronics and computer industries in illustrating new and broad areas of application for the rapidly developing miniaturized electronics — based on computer-controlled systems. All are invited to attend the Wednesday session.

The \$50.00 registration fee for each seminar includes a luncheon and registration for all Technical Sessions. Should you plan to attend the full three-day program, you achieve a savings in registration fee; registration for the full three-day program is \$130.00.

Conference hours: Registration 7:30 AM; Technical Paper Sessions 1:30-3:30 PM; Panel Discussions 1:30-3:30 PM; New Technology Seminars (no exhibits) 8:30 AM-12:30 PM. Location for NCF-NEC/78 will be the Hyatt Regency O'Hare, River Road at Kennedy Expressway in Rosemont.

For registration and further information, contact National Engineering Consortium, Inc., Oak Brook Executive Plaza #2, 1211 West 22nd Street, Oak Brook 60521, (312) 325-5700.

NCF-NEC/78

3 Full Days—October 16-18
Hyatt Regency O'Hare, Chicago, Illinois

national electronics conference

Technical Sessions

"APPLICATIONS" is the key description of the informative 15 sessions Technical Paper Program. State of the art developments and applications focusing on a wide spectrum of communications topics in parallel with many new engineering application of well-established concepts and practices.

NO EXHIBITS

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A unique continuing education program has been developed by NEC to bridge the learning gap which technologists and managers face as a result of rapid changes in the engineering arts.

- Digital Switching I—Digital Switching Concepts
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- Management of Software Projects
- Computer Aided Design
- Digital Switching II—Digital Switching Techniques
- Software Design Techniques.
- Microprocessors in Data Communications
- Engineering Economics—An Aid to Decision Making
- Digital Switching III—Digital Application Planning
- Processor Reliability Strategies for Telephony
- Directions in Software Development Tools
- MBO in a Technical Environment



Exciting Dinner Speaker—Brad Steiger

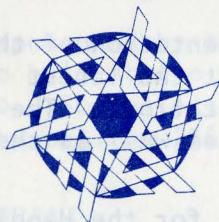
NEC dinner guests will be treated to an unusual and exciting presentation featuring guest speaker Brad Steiger—popular author of over 60 books and a recognized authority on unexplained phenomena. Acclaimed metaphysical writer of the year, Mr. Steiger's presentation title "Mysteries of Time and Space" will include slide films displaying a number of mysterious ancient objects and devices.

Write, wire or phone for descriptive brochure.

NATIONAL ENGINEERING CONSORTIUM, INC.
(Incorporated not for profit)

1211 West 22nd Street, Oak Brook, Illinois 60521
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is coming

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