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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 PUBLICATION

SEPT.	8	"IITRI RF Tech.for In-Situ Proces. of Tar Sand/Oil Shale"	Antennas & Prop./ Microwave Theory & Techniques Soc.	Louis' Place 351 E. Lake Addison	Social Dinner Meeting	5:30 PM 6:30 PM 7:30 PM
	9	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	Brown & Root Offices 701 E. 22nd St. Lombard	Meeting	7:30 PM
	10	"Design Trends in Annunciator Systems"	Indus.Appls.Soc.& Control Instrumen. (j/w Power Engrng.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
	17	"Switching Power Supplies"	Northwest Sub.	Mr. Peters Rest. Rand Rd. (Shop. Mall) Mount Prospect	Social Dinner Meeting	6:00 PM 7:00 PM 8:00 PM
	23-25	ESMO-80	IEEE Power Engineering Soc.	Sheraton O'Hare 6810 Mannheim Rd. Rosemont	(For inf.contact R. Ciesla at 450-5383)	
	24	"Weather Prediction"	Fox Valley Sub.	Elmhurst Inn 933 Riverside Dr. Elmhurst	Social Dinner Meeting	6:00 PM 7:00 PM 3:00 PM
OCT.	8	"Engrng. Design Approach to Microprocessors"	Indus.Appls.Soc.& Control Instrumen. (j/w Computer Soc.)	Nielsen's Village 7330 W. North Ave. Elmwood Park	Social Dinner Meeting	5:30 PM 6:15 PM 7:15 PM
	14	Monthly Meeting - ALL WELCOME	IEEE Executive Cte.	Brown & Root Offices 701 E. 22nd St. Lombard	Meeting	7:30 PM

LIVE-LINE MAINTENANCE CONFERENCE AND DEMONSTRATIONS COMING

The Second International Conference on Live-Line Maintenance, IEEE/PES ESMO-80, will be held at the Sheraton-O'Hare Hotel, Rosemont, September 23-25.

In addition to technical paper presentations and discussions, field demonstrations of live-line maintenance practices and laboratory lecture-demonstrations on testing of live-line maintenance clothing, tools and aerial lift devices will be held.

For further information, contact R. W. Ciesla, Commonwealth Edison Company, 1319 South First Avenue, Maywood 60153, (450-5383).

I wish to take this opportunity to greet all of our members and give a brief report on the status of the Chicago Section.

As of this writing, together with the Northwest and Fox Valley Subsections, we have approximately 5,000 members employed in all branches of Electrical and Electronic Engineering. The Section has Societies active in the fields of Antennas and Microwaves, Industrial Applications, Medical Engineering, Computers, Electron Devices, Power Engineering, Vehicular Technology, and Communications. In addition, we have standing committees on Membership Services, Student Activities, Professional Activities, Program, Special Events, Finance, Awards, Conferences, and Publications. We hold membership in the Chicago Technical Societies Council and the Illinois Engineering Council. We sponsor a number of seminars, tutorials and conferences, such as Midcon. We award scholarships to EE students at our three major engineering colleges and a prize to the High School Science Fair winner. We hold a very successful Recognition Dinner each spring to honor outstanding accomplishments.

This list would seem to indicate that our activity is considerable and wide-spread. In fact, only a tiny fraction of our membership participates in committee work or in attendance at technical meetings. This situation is not unique with our Section, but also exists elsewhere within IEEE and other technical societies. Why? We hear reasons such as distance and cost of travel, time conflicts, meeting topics -- you name it, we've heard it.

This Institute and this Section are what you, the members make them. If you feel that all you want out of IEEE is Spectrum magazine, you are shortchanging yourselves and missing an opportunity to interact with your fellow professionals, learn something of value, and maybe even leave your personal imprint on the conduct of our business. Don't, for one minute, believe that your voice won't be heard. If you wish to volunteer for a committee, call me or anyone on the Executive Committee. If you have ideas for a meeting topic or a speaker who in your opinion would generate interest, contact the appropriate Society Chairman. At present, we would like to activate Societies on Acoustics, Aerospace, Broadcast, Circuits, Education, Engineering Management, Information Theory and Nuclear/Plasma Science.

We are here to serve the membership; we want to grow in quality and activity; we are financially solvent -- in short -- we have the determination and resources to make our Section one of the finest in IEEE. What we need is YOUR interest and input.

During the coming months we will be contacting many of you personally, but don't wait for us -- we want you NOW!

Paul Geiger
Paul Geiger, Chairman
Chicago Section

NEW LOCATION FOR BOARD MEETINGS

Beginning August 12, the Executive Committee meetings, to which all are welcome to attend, will be held at the new Brown & Root Building, 701 East 22nd Street in Lombard. It is located three blocks west of Myers Road; 22nd Street is south of Roosevelt Road one mile and north of Butterfield Road. Parking is available in the visitors lot. The meetings will be conducted on the second floor in the cafeteria.

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UPDATE

LEGISLATION ON NUCLEAR REACTOR SAFETY R&D

The legislative machinery has begun to process a bill introduced last spring by Rep. Mike McCormack to provide for an accelerated program of light water reactor safety R&D at the Department of Energy. The bill (H.R. 7190) establishes a five-year program of R&D "on practical and effective improvements in the safety of nuclear power plants," McCormack explained. The government's R&D response to TMI "should be formalized in a national policy to ensure that enhanced attention to safety is sustained," he said.

Witnesses from DOE and NRC lent support to the bill. The DOE witness emphasized the requirement for DOE to identify the relative risks associated with nuclear energy as compared to other significant energy sources. NRC's R. J. Budnitz suggested that Congress ask DOE to study the feasibility of a National Reactor Engineering Simulator facility. EPRI considers the comparative risk assessment as important as the R&D sections of the bill. Industry supports the bill inasmuch as it provides for safety R&D. However, as stated by an official of Duke Power (William Lee), industry is responsible for safety. On the Senate side, the Church subcommittee (on Energy R&D) held hearings on a companion bill (S. 2884). The bill incorporates the National Reactor Simulator facility.



SCHOLARSHIP WINNER

Douglas C. Stahl (center), is recipient of the Second Annual \$500.00 Chicago Section Student Scholarship for the University of Illinois at Chicago Circle.

Presenting the Award during the Engineering College Honors ceremony on May 22, 1980 are Mike Barnes (right), Chicago Section Student Activities Chairman and Henry A. Setton, Dean of the College of Engineering.

1980 CONFERENCE ON TECHNOLOGICAL POLICY

The 1980 Conference on Technological Policy held in Washington, D.C. is sponsored by the United States Activities Board of the IEEE. The purpose of the Conference is to focus attention of the participants on specific Institute position papers. These papers have been approved by the Board of Directors as representing the attitudes of the membership and are presented to the proper legislative committees to support the lobbying activities of the USAB.

The subject matters covered range from The Need for Nuclear Power to Solar Power Satellites. Speakers such as Dr. Hans M. Mark, Secy. Air Force and Congressman Mike McCormack stressed the problems our country faces in the next twenty years due to the projected energy shortfall. Despite stringent energy conservation measures, we will not have the power available to provide for the growth in our gross national product in the foreseeable future.

There was a consensus among the speakers that we cannot continue to pay 80 to 100 billion dollars a year for foreign fuel and maintain the stability of our economy, particularly since this thin line of tankers can be stopped at any time and we must pay whatever price the OPEC nations demand for their oil.

Pictured at the 1980 Conference are John Waters (right), Past Chairman of the Chicago Section with Dr. Leo Young (center), President of the IEEE and Dr. Richard Benoit, Jr., Treasurer of the U.S. Activities Board.



ELECTRIC ASSOCIATION OFFERS STANDBY POWER SYSTEMS COURSE

Standby Power Systems is one of several courses being offered by the Electric Association of Chicago beginning September 11. Loren Mages, President of Forces, Inc. of Hillside and Vice President of Electrical Generating Systems Marketing Association will teach the nine-session course. The course will cover fuel, exhaust, cooling, and starting system options, sizing the system, automatic transfer switches and accessories, with special emphasis on applicable code requirements.

For further information, contact the Electric Association, 125 South Clark Street, Room 1545, Chicago 60603, (236-4609).



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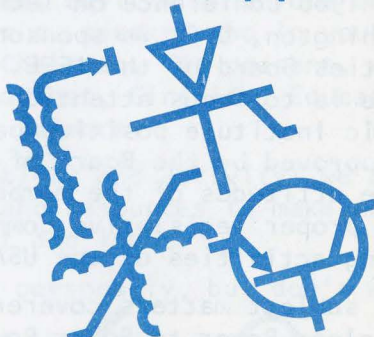
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