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## C A L E N D A R O F E V E N T S

For reservations call the IEEE office at 236-4609

(unless otherwise indicated)

COPY DEADLINE: FIRST WEEK OF MONTH PRIOR TO PUBN.

|      |       |                                                 |                                                             |                                                                      |                                                  |                                  |
|------|-------|-------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------|----------------------------------|
| FEB. | 8     | "Acoustic Microscopy: Methods, Appls., Outlook" | Antennas & Prop./ Micro. Theory & Tech. Soc. (j/w EMBS)     | Louis Restaurant<br>351 E. Lake St.<br>Addison                       | Social<br>Dinner<br>Meeting                      | 5:30 PM<br>6:30 PM<br>7:30 PM    |
|      | 9     | Monthly Meeting - ALL WELCOME                   | IEEE Executive Cte.                                         | Brown & Root Offices<br>701 E. 22nd St.<br>Lombard                   | Meeting                                          | 7:30 PM                          |
|      | 10    | "Lightning Protection"                          | Indus.Appls.Soc. & Industl. Electronic Control Instru. Soc. | Nielsen's Village<br>7330 W. North Ave.<br>Elmwood Park              | Social<br>Dinner<br>Meeting                      | 5:30 PM<br>6:15 PM<br>7:15 PM    |
|      | 10    | "Static VAR Controller"                         | Power Engrng. Soc.                                          | Carson Pirie Scott<br>Wabash & Monroe Sts.<br>Highland Rm.2, 8th Fl. | Social<br>Lunch<br>Meeting                       | 11:30 AM<br>12:00 PM<br>12:30 PM |
|      | 14    | Valentine's Day Party - "Entertainment '82"     | Power Engrng. Soc. (j/w Fox Valley Sub.)                    | Drury Lane South<br>2500 W. 95th St.<br>Evergreen Park               | Dn.5 PM-Show<br>(For infor., Al Lowry, 294-8273) | 7 PM                             |
|      | 17    | "QA/QC in Nuclear Power Stations"               | Fox Valley Sub. (j/w Pwr.Engrng.Soc.)                       | Wilton Manor<br>St.Chas.Rd.& Main St.<br>Wheaton                     | Social<br>Dinner<br>Meeting                      | 6:00 PM<br>7:00 PM<br>8:00 PM    |
|      | 21-27 | Natl. Engrs.' Week                              | "Engineers: Pioneering America's Revitalization"            |                                                                      |                                                  |                                  |
|      | 23    | "New Speech Tech."                              | Communications Soc.                                         | To be determined                                                     |                                                  |                                  |
| MAR. | 9     | Monthly Meeting - ALL WELCOME                   | IEEE Executive Cte.                                         | Brown & Root Offices<br>701 E. 22nd St.<br>Lombard                   | Meeting                                          | 7:30 PM                          |
|      | 10    | "Grounding"                                     | Indus.Appls.Soc. & Industl. Electronic Control Instru. Soc. | Nielsen's Village<br>7330 W. North Ave.<br>Elmwood Park              | Social<br>Dinner<br>Meeting                      | 5:30 PM<br>6:15 PM<br>7:15 PM    |
|      | 10    | "Automation for Distribution Systems"           | Power Engrng. Soc.                                          | Carson Pirie Scott<br>Wabash & Monroe Sts.<br>Highland Rm.2, 8th Fl. | Social<br>Lunch<br>Meeting                       | 11:30 AM<br>12:00 PM<br>12:30 PM |
|      | 18    | "EMC-27"                                        | Electromagnetic Compatibility Soc.                          | Auditorium-Bell Labs.<br>Naperville/Wheaton Rd.<br>Naperville        | Soc.7-Tour<br>(For inf., Bob Bard, 298-2290)     | 7:30                             |
|      | 27    | Tour - Argonne National Laboratory              | Northwest Sub. (Reserva. only)                              | Argonne Natl. Lab.<br>9700 S. Cass Ave.<br>Argonne                   | Tour 1<br>Lunch<br>Tour 2                        | 9:00 AM<br>12:30 PM<br>1:30      |
|      | 31    | "Distribution System Harmonics"                 | Fox Valley Sub. (j/w Pwr.Engrng.Soc.)                       | Wilton Manor<br>St.Chas.Rd.& Main St.<br>Wheaton                     | Social<br>Dinner<br>Meeting                      | 6:00 PM<br>7:00 PM<br>8:00 PM    |

**"ENGINEERS: PIONEERING AMERICA'S REVITALIZATION"**

The theme of this year's National Engineers' Week, February 21-27 is "Engineers: Pioneering America's Revitalization." The week of Washington's birthday is traditionally the week of observance because the nation's first president had the educational background of a civil engineer in the 18th century. The purpose of National Engineers' Week is to familiarize the public with the work of engineers and to honor outstanding members of the engineering profession.

**NUCLEAR ENERGY ENGINEER TO RECEIVE WASHINGTON AWARD**

Eminent nuclear energy educator and engineer, Manson Benedict, has been elected to receive the 59th "Washington Award," one of engineering's prized national honors. Among the previous recipients are Herbert Hoover, Henry Ford, John Swearingen, Orville Wright and John deButts. The 1982 award will be presented to Dr. Benedict at a banquet on Tuesday evening, February 23 in the Americana Congress Hotel, Chicago, during National Engineers' Week. The event is being arranged by The Western Society of Engineers in behalf of seven national and regional engineering societies who comprise the Washington Award Commission.

Dr. Benedict, professor emeritus of Massachusetts Institute of Technology, has played a key role in the safe and economic development of the generation of electricity from nuclear fission. He served as a consultant and advisor to governments and industry in many capacities and holds numerous patents on gas absorption and coal gasification. He has traveled to all continents as an advisor on how nuclear technology and energy might be applied to improve man's living conditions. A chemical engineer by education, he holds a Ph.D. in chemistry from MIT and many honor awards from engineering and science societies, and the U. S. Government including the National Medal of Science. Dr. Benedict is past president and director of the American Nuclear Society and a former director of the American Institute of Chemical Engineers.

The Washington Award Commission which elected Dr. Benedict comprises 25 representatives from seven societies including the American Society of Civil Engineers; American Institute of Mining, Metallurgical & Petroleum Engineers; American Society of Mechanical Engineers; American Nuclear Society; The Institute of Electrical & Electronics Engineers, Inc.; National Society of Professional Engineers; and The Western Society of Engineers. The award was proposed in 1916 by the late John W. Alvord, past president of the WSE and founder of the Chicago firm of Alvord, Burdick & Howson. Tickets to the banquet can be obtained from The Western Society of Engineers, 176 W. Adams Street, Chicago, (372-3760).

**GARY ABRELL TO SPEAK AT FOX VALLEY SUBSECTION MEETING**

"Quality Assurance/Quality Control in Nuclear Power Operations" is the topic of the Fox Valley Subsection dinner meeting on February 17. Mr. Gary A. Abrell, Director of Quality Assurance for operations at Commonwealth Edison will explain the quality programs required today in the nuclear utilities. He will discuss their application to nuclear plants, especially during the operational phase of plant development. Mr. Abrell is a product of the U. S. Navy's nuclear programs and remains a commissioned officer in the Naval Reserve. He has been involved in nuclear and fossil quality assurance programs for Edison for five years. He holds a Senior Reactor Operator license and has had operating experience as a member of the staff at Dresden Nuclear Power Station. See Calendar of Events for meeting location and time.

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**Professional Activity  
UPDATE**

**USAB PATENT BILL INTRODUCED!**

Representative Robert Kastenmeier (D., WI) introduced into the House of Representatives the patent bill developed by the IEEE/USAB West Coast Patent Subcommittee and the USAB Patent Task Force. Mr. Kastenmeier is the Chairman of the Subcommittee of Courts, Civil Liberties and the Administration of Justice, Committee on the Judiciary, U. S. House of Representatives — the Subcommittee having primary jurisdiction over such patent legislation! The bill number is H. R. 4732. Ask your colleagues to contact their representative and encourage him/her to support H. R. 4732! Legislative activity on this bill is expected to come before the House of Representatives early in 1982.

The text of the bill and the USAB Entity Position Statement on Patents is available by contacting John Waters, PAC Chairman c/o IEEE Chicago Section, 125 S. Clark Street, Room 1545, Chicago 60603.

**LIGHTNING BEHAVIOR AND PROTECTION TOPIC AT IAS/IECI MEETING**

Lightning strokes can inflict heavy losses on industrial plants by causing fires and damage to plant structures and equipment. These losses can be prevented by the proper application of lightning protection systems. Recent research work has resulted in an improved understanding of the lightning stroke behavior and has provided us with the basis for more effective protection designs. The presentation on February 10 before the Industry Applications/Industrial Electronics Control Instrumentation Society will cover the behavior of lightning strokes and describe the state of the art of protection and shielding techniques.

Mr. S. Z. Haddad, Head of the Electrical Analytical Division at Sargent & Lundy, the speaker, has a wide range of experience both in the U. S. and abroad covering system planning, power plant design and power system studies. In his present capacity, he directs the studies required for the various aspects of power plant and industrial system designs. See Calendar of Events and meeting location and time.

**MARK YOUR CALENDAR**

This year's Recognition Dinner will be held on Saturday, April 17 in the Grand Ballroom of the Hamilton Lakes Stouffer's Hotel in Itasca. The festivities will begin with cocktails at 6 PM, dinner at 7 PM followed by entertainment and dancing. Tickets are \$20 each and available from any Recognition Dinner Committee member or by calling Tickets and Arrangements Chairman, Chris Ziola at 391-7130. In addition to the Fellow awards, outstanding scholastic accomplishment on the part of Electrical Engineering students from the Chicago area schools will be recognized. Complete details will be published in the March issue of Scanfax.

**HERE ARE SOME FACTS AND FIGURES ON THE NATIONAL COMPUTER CONFERENCE**

The National Computer Conference is scheduled for June 7-10, 1982 in Houston's Astrohall and Astroarena. More than 600 firms will display the latest advances in computer hardware, software and services. They will occupy some 325,000 net square feet of exhibit space, up to 95,000 net square feet from NCC '81. In addition, a technical program will focus on "Advancing Professionalism." Its aim is to emphasize the fact that even as systems become increasingly ubiquitous through office automation and home computing, there are methods for building them to be usable, reliable and efficient.

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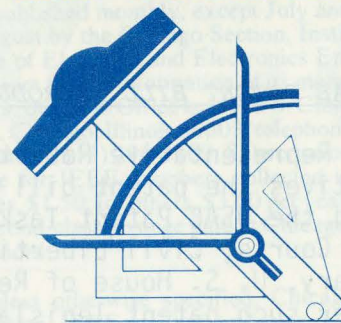
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| 2. Mail subscriptions                                                                               | 5,367                                                    | 5,367                                                                 |
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| D. Free distribution by mail, carrier or other means. Samples, complimentary, and other free copies | 32                                                       | 32                                                                    |
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