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CHICAGO SECTION · IEEE · INSTITUTE OF ELECTRICAL & ELECTRONICS ENGINEERS

MARCH 1974

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LMFBR - Status and Future

Leonard W. Fromm, Argonne National Laboratory, will discuss the "Liquid Metal Fast Breeder Reactor — Status and Future" at the March 6 joint meeting of the Fox Valley Subsection and the IEEE Power Engineering Society.

The energy crisis has made us all aware of the importance of developing alternative energy sources. Nuclear power is one such source, and the breeder reactor is an important part of any well-planned nuclear fuel use program. Fromm will discuss various aspects of the liquid metal fast breeder reactor, including its history, why and when it is needed. He will detail its present status

and forecast its probable future.

Leonard W. Fromm has a BS in chemical engineering from the Polytechnic Institute of Brooklyn. He has been involved in nuclear energy programs since 1945 and has been at Argonne National Laboratory since 1949. He was an atomic energy consultant to Norway in 1959 and during the last ten years has managed advanced research reactor and LMFBR projects. He is presently responsible for developing the National Program Plan for the LMFBR.

Dinner and meeting will be held at King's Palace, Route 53, south of East-West Tollway, Aurora, Ill. Social hour,

6:30 p.m.; dinner, 7:00 p.m.; meeting, 8:00 p.m. Dinner cost, \$6.00. For reservations, call the IEEE office, 263-5954.

Attention, Chairmen and Presidents

The IEEE office is the official clearing house for all meeting information and reservations. Even when your group members make meeting reservations with a group member, other IEEE members may call the IEEE office. To get an accurate count of how many people to expect at your meeting, always check with the IEEE office the day of the meeting. Office telephone number is: 263-5954.

CALENDAR OF EVENTS

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| March 6 | "LMFBR — Status and Future"; Power Engineering Society/Fox Valley Subsection; King's Palace, Route 53, south of East-West Tollway, Aurora. (Page 1) |
| March 13 | "Process Pumping Heat Tracing; IAS/IECI; Nielsen's Village, 7330 W. North Ave., Elmwood Park, Ill. |
| March 19 | "Satellite Solar Power Station and Microwave Transmission of Power;" Chicago Section IEEE; Nielsen's Village, 7330 W. North Ave., Elmwood Park, Ill. (Page 3) |
| March 20 | "Volkswagen Electronic Diagnostics" Vehicular Technology Group; Commonwealth Edison offices, Room 657L, First National Bank Building, Madison and Dearborn Streets, Chicago. (Page 2) |
| March 20 | United Air Lines Tour; Communications Society/Computer Society; United Air Lines, Elk Grove, Ill. (Page 2) |
| March 20 | "Your Engineering Career;" Northwest Subsection; Maitre d' Restaurant, Higgins (Illinois 72) and Arlington Heights Road, Elk Grove Village. (Page 2) |
| March 23 | Tour of Stickney Plant, Metropolitan Sanitary District; Fox Valley Subsection (Page 2) |
| March 26 | "Supervisory Equipment;" Power Engineering Society; Chicago Engineering Society, 314 S. Federal Street., Chicago, Ill. |
| Apr. 2-3 | "FCC & CISPR EMI/EMC Specifications;" Seminar given by Institute for Electromagnetic Compatibility; Chicago, Ill. (Page 4) |
| April 3 | PCM and Future Telephone Networks;" Fox Valley Subsection; Tally Ho Restaurant, West Chicago, Ill. |
| April 10 | "Coordination of Protective Devices;" IAS/IECI; Nielsen's Village, 7330 W. North Ave., Elmwood Park, Ill. |
| April 11 | "Improving Product Reliability;" Reliability Group; Nielsen's Restaurant, 6475 N. Mannheim Road, Rosemont, Ill. (Page 2) |
| April 12 | "Noise in Perspective;" Chicago Section IEEE; Nielsen's Village, 7330 W. North Ave., Elmwood Park, Ill. |
| April 27 | IEEE Recognition Dinner; Arlington Park Towers |
| May 18 | Midwest Acoustics Conference; Northwestern University |

Deadline for copy: First week of month preceding publication

IEEE OFFICE: 263-5954

Vehicular Electronics

Klaus Haage, Volkswagen of America, will talk on "Volkswagen Electronic Diagnostics" at the March 20th meeting of the Vehicular Technology Group. The meeting will be held in the Commonwealth Edison offices, 72 W. Adams, Room 657, First National Bank Building, Madison and Dearborn Streets, Chicago. No formal dinner is planned, but there are many restaurants in the area. The meeting will begin at 7:30 p.m.

Reservations are necessary for the meeting itself. Please call Dan Clark, 397-1000, ext. 2086, or the IEEE office, 263-5954.

Your Engineering Career - Challenge or Change

Career satisfaction. What is it? Have you got it? Is there a greener side to your engineering career? Shed some light on those greener pastures by meeting and talking to the panel of experts at the March 20, 1974, meeting of the Northwest Subsection.

The experts will discuss the needs, desires, and opportunities of engineering. Robert E. Jones, president of World Metals, Inc., and engineer and placement specialist, will discuss the concept of change. He will let you in on the whys and wherefores of recruiting that you always wanted to know about but were afraid to ask.

Robert E. Moody, engineer and pastor of the Norwood Park Presbyterian Church, will help you to an understanding of what underlies a satisfying career and life style.

Bernard E. Smith, dean of Stuart School of Management and Finance, IIT, will talk about the change from the engineer to the manager.

After opening statements by the panel members, the meeting will be opened to questions from the audience. Be sure to come. Here is a chance to get your questions answered by experts in a number of phases of engineering career planning and management.

The meeting will be held at the Maitre d' Restaurant, Higgins (Illinois 72) and Arlington Heights Road, Elk Grove Village. Social hour, 6:00 p.m.; dinner, 7:00 p.m.; meeting, 8:00 p.m. You need not attend the dinner to attend the meeting. For dinner reservations, call 263-5954.

Improving Product Reliability

At the April 11 meeting of the Reliability Group, R. W. Peach, Sears, Roebuck and Co., will talk on "Using Field Service Experience to Improve Product Reliability."

Peach is manager of quality assurance at Sears and has extensive experiences in the field of reliability and quality assurance. He will discuss how field service data and experience can help you improve your product performance and reliability.

Meeting will be at Nielsen's Restaurant, 6475 N. Mannheim Road, Rosemont, Ill. Social hour, 6:00 p.m.; dinner, 7:00 p.m.; meeting, 8:00 p.m. Cost of dinner is \$6.50. Please make reservations by Friday, April 5 by calling: Dr. John E. Condon, Abbott Laboratories, 688-2575; Ray Schirmer, 259-0740, ext. 367; or the IEEE office, 263-5954.

Sanitary District Tour

On Saturday, March 23, Fox Valley Subsection is sponsoring a tour of the Stickney plant of the Metropolitan Sanitary District. Meet at the plant at 9:30 a.m.

Luncheon at Richard's Restaurant, Berwyn, follows the tour. Reservations are a must for the tour as well as for lunch. Call the IEEE office, 263-5954, by March 20.

United Air Lines Tour

A joint meeting of the IEEE Communications Society and Computer Society will tour the facilities of United Air Lines, Elk Grove, Ill. on March 20. Reservations must be made in advance by calling the IEEE office, 263-5954. Tour is limited to 50-60 persons, so call early, otherwise we may not be able to accommodate you.

James Nicholas Named Fellow

We inadvertently left James H. Nicholas' name out of the list of fellows printed in the January issue. His citation reads: "For contributions to the continuing development, testing, and manufacture of devices for high-voltage power cable."

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Meeting Reservations
Remember that the IEEE office, (312) 263-5954, will take your meeting reservations. The best time to call is between 9:30 a.m. and 12:30 p.m. or between 2:30 p.m. and 5:00 p.m.

The meeting coordinator for any group should call and leave his number with Judy at the office, so she can refer questions on matters other than reservations.

Change of Address
If you have moved — or are about to move — please notify the IEEE office in NEW YORK. Our SCANFAX mailing labels come from there, and we cannot update your mailing address locally in Chicago.

A change of address form is included in each issue of SPECTRUM. Your local post office will also supply you with cards; mail to Emily Sirjane, Membership Services, IEEE, 345 E. 47th Street, New York, NY 10017. Include your SPECTRUM mailing label if possible. We cannot forward this information for you, so please do not send it to the local office.

Satellite Solar Power Station



William C. Brown, Raytheon Company, will talk on "Satellite Solar Power Station with Microwave Transmission to Earth", at the March 19 meeting of the Chicago Section, to be held at Nielsen's Village.

The energy crisis has brought increasing interest in using solar power. Individual solar converters on homes and industrial plants are being tested, but what is needed is large-scale conversion of solar power to electricity. The satellite solar power station would consist of a solar photovoltaic cell array in geosynchronous equatorial orbit. Such an array would be in direct sunlight for over 99 per cent of the time and have a fixed position with respect to the earth, so that a microwave beam could be used to continually transfer the collected power to a location on the earth's surface. At the earth station, the microwave energy would be converted back into 60 Hz power, to meet the base-load requirements of a rapidly expanding national need for electrical power.

Brown will present the baseline design of a 10,000 megawatt station and microwave transmission system that has been established by a team from four companies: Raytheon Company; Arthur D. Little, Inc.; Grumman Aerospace Corp.; and Textron. He will also cover the economics and time required for the development of this system. He will emphasize the technology of microwave power transmission and show how it can be scaled to the requirements of a satellite solar power station by using currently available device and antenna technology.

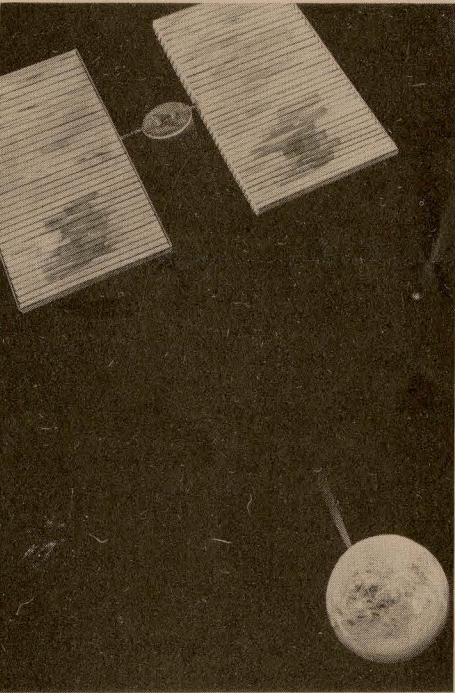
William C. Brown received his BSc from Iowa State University in 1937 and his MS from Massachusetts Institute of

Technology in 1941, both in electrical engineering.

From 1937 to 1939 he was with the then Radio Corporation of America. Since 1940 he has been with the Raytheon Company, where he has held various positions in research, development, and engineering management. His early work was primarily in the area of crossed-field tube development, which included several improvements in magnetron design and the development of the first reentrant-beam crossed-field amplifier. A successful program of generating super power at microwave frequencies based upon this new development led to an investigation of new applications of microwaves requiring high power levels. These applications included the areas of industrial processing and microwave power transmission, in which he has been most recently engaged.

Brown is a Fellow of IEEE, and a member of Tau Beta Pi and Eta Kappa Nu. He has received the Meritorius Civilian Service Award from the Department of Defense.

This stellar meeting will be held at Nielsen's Village, 7330 W. North Avenue, Elmwood Park. Social hour, 5:30 p.m.; dinner, 6:30 p.m.; meeting, 7:30 p.m. For reservations, call IEEE office, 263-5954.



SOLAR POWER — Artist's concept of Satellite Solar Power System to collect the sun's energy in space and process it for transmission at microwave frequencies to a ground station.

Midwest Acoustics Conference, May 18

Experts in tape and disc reproduction will discuss the future roles of each medium during the eighth annual Midwest Acoustics Conference, May 18, at Northwestern University. Impartial judgment criteria will be developed by the speakers. Ernest Schonthal, Bruel & Kjaer, will speak on "Amplitude and Spectral Characteristics of Music from the Standpoint of the Concert Listener." Marvin Camras, IITRI, will discuss "Critical Parameters of a Music Program Record Playback Medium and One's Sensitivity to Deviations from the Ideal." Current disc and tape performance and quality levels will be explored by John Bitner, Wakefield, and Douglas Thornton, Maniton Systems. Panel discussions will include technical representatives from the principal manufacturers and independent consulting engineers.

Program and full details will appear in the April issue.

Members Vote to Keep Same Structure

IEEE members voted by a margin of five to one against the recent proposal to set up a separate corporation to administer the Institute's technical activities. The proposal had been instituted by the Governing Board of the IEEE Computer Society, but had been opposed by the IEEE Board of Directors.

The Tellers Committee reported that a total of more than 45,000 votes had been cast as valid ballots. Of this number more than 37,000 — or over 83 per cent — were cast against the proposal.

The ballot contained space for members to indicate whether they belonged to any of the IEEE Groups and Societies which might have been affected had the proposed new corporation been established. Among this class of voters, the vote was over 81 per cent against the proposal. Those with no Group or Society membership voted over 87 per cent against it.

Although the Board of Directors perceives the vote as a positive reaffirmation of their policies, they are determined to continue enlarging and extending technical programs while furthering the new professional activities in IEEE headquarters and the nation's capital.

Seminar on EMI/EMC Specifications

The Institute for Electromagnetic Compatibility will present a two-day seminar, April 2 and 3, on "FCC and CISPR EMI/EMC Specifications." If your company designs, manufactures, and/or sells electronic, electrical, and/or electromechanical products in the United States or overseas, you need this course. Seminar sessions will be held on Tuesday and Wednesday, April 2 and 3, from 9:00 a.m. to 5:00 p.m. Location is Chicago, Ill. Instructor is Donald R. J. White, past national chairman of the IEEE Group on EMC.

The seminar covers FCC Rules and Regulations, Parts 15 and 18 and CISPR EMC Specifications. It is a comprehensive training course, covering the organizations; terms and definitions; and how to bet a test item type approved, type accepted, or certified. It also reviews test items, logistics involved, test instruments and facilities, and test methods and procedures. The impact of Public Law 90-379 will be assessed.

Course material distributed to attendees includes Code of Federal Regulations, Title 47 on Telecommunications, which covers FCC Rules and Regulations,

Parts 0 through 19; Volume 1, Electrical Noise and EMI Specifications; and a loose-leaf collection of special notes. Course fee, including registration, reference materials, luncheons, and coffee/cokes is \$250 per registrant. For three or more registrants from one organization, fee is \$200 each. For additional information, see the advertisement below or call (301) Mrs. Moeller (301) 948-0028.

Recognition Dinner Committee

The 1974 Recognition Dinner Committee is hard at work planning the best Recognition Dinner yet. Committee members include: (standing, left to right) E. Rasmussen, Advanced Schools, Inc.; R. Schur, Hallicrafters, Inc.; G. Argall, National School Boards Assoc.; T. Gumble, Eaton Corp.; F. Voltaggio, Warneke Tubes Co. (Seated, left to right) R. Warzin, Allen-Bradley Co.; C. Erickson, Victor Comptometer Co.; J. Puca, chairman, Motorola, Inc.; and J. Reynolds, Motorola, Inc.



Chicago Section IEEE Election of Officers 1974-75

The nominating committee is presently assembling a slate of officers for 1974-75. Members interested in serving, please contact: Henry Setton, chairman, R. Nunemaker, or George Mack. Call 727-3339.

No Treasure Hunt in '74

The Treasure Hunt Committee has regretfully cancelled the annual Treasure Hunt for 1974. Three especially vexing problems caused the move.

- 1. Treasure Hunters have to use their cars to get from clue to clue — and with the current gas problem and the possibility of rationing in the future, it is impossible to predict whether car travel will be possible in the fall.
- 2. Chevy Chase Country Club has cancelled its banquet services because of rising food costs and rising labor costs. So far, it has been impossible to find another place willing to serve 1000 people after midnight.
- 3. No one could be found who was willing to take on the chairmanship of the committee. Committee members have indicated a willingness to work with anyone who will take on the chairman's job, but they warn that such a person should have been on the Treasure Hunt (and hopefully have served on previous committees, although that is not a deciding factor).

If these three problems can be solved, perhaps the Treasure Hunt can be re-scheduled for 1975. If any member would like to head the Treasure Hunt committee, please write or call one of the Section officers, or drop a line or call the IEEE office, 263-5954.

IEEE INTERCON and NEREM To Alternate

Two of the nation's foremost technical conventions — IEEE INTERCOM and NEREM — will be joined to form a major new Eastern Seaboard conference, effective in the Spring of 1976.

Board of directors responsible for the two conferences have agreed to a plan whereby the new conference and exposition will be held in Boston, May 11-14, 1976, in New York in 1977, and alternately each year in Boston and New York thereafter. NEREM will be held in Boston in the Fall of 1974, and INTERCON will be in New York in the Spring of 1975.

Directors of NEREM (Northeast Electronic Research and Engineering Meeting) and members of the IEEE Conference

Board, which directs the IEEE international convention and exposition (IEEE INTERCON), have both approved the plan. It also has the approval of the IEEE Executive Committee.

The new conference and exposition will be professionally managed by Electrical and Electronics Exhibitions, Inc., a non-profit organization which presently manages IEEE INTERCON in New York and WESCON in California each year. Donald E. Larson is president and chief executive officer. The staff will report to a board of directors to be named at a future date and the conference will rely heavily on volunteer committee assistance.

Elected To Board of Directors

Eight people have been elected to the Board of Directors of the IEEE, which is the world's largest technical society. The election, held at the Annual Assembly, completed the selection of the 28 member Board.

Those elected at the Annual Assembly were:

Vice President — Publication Activities: Dr. Frank S. Barnes, Professor and Chairman, Department of Electrical Engineering, University of Colorado, Boulder, Colorado

Vice President — Regional Activities: Arthur P. Stern, Vice President and General Manager, Advanced Products Operation, The Magnavox Company, Torrance, California

Vice President — Technical Activities: Dr. Robert F. Cotellessa, Professor and

Chairman, Department of Electrical Engineering, Clarkson College of Technology, Potsdam, New York

Secretary: Seymour Cambias, Jr., Vice President — Engineering, I-T-E Imperial Corporation, Spring House, Pennsylvania

Treasurer: Joseph K. Dillard, Manager, Advanced Systems Technology, Westinghouse Electric Corporation, East Pittsburgh, Pennsylvania

Chairman, Educational Activities Board: Dr. Robert M. Saunders, Dean, School of Engineering, University of California, Irvine, California

Vice Chairman, Technical Activities Board: Harold S. Goldberg, President, Data Precision Corporation, Wakefield, Massachusetts

Executive Director: Donald G. Fink, General Manager, IEEE, New York, N.Y.

EMI/EMC TRAINING

(Electromagnetic Interference & Compatibility)

COMPREHENSIVE ACCELERATED TRAINING COURSES TAUGHT BY DON WHITE, INTERNATIONALLY KNOWN EMC CONSULTANT

- FCC & CISPR ELECTROMAGNETIC INTERFERENCE SPECIFICATIONS. APRIL 2 - 3, 1974, HOLIDAY INN, O'HARE INTERNATIONAL AIRPORT, CHICAGO, ILL.
This 2-day course covers FCC Rules & Regulations, Parts 15 & 18 and CISPR (International Special Committee on Radio Interference) Specifications and tests. Included are terms & definitions, how to get a test item type approved, type accepted, or certificated. If your company designs, manufactures, and/or sells electronic, electrical, and/or electromechanical devices or equipment in the U.S. or overseas, this course is intended for you. \$250.*
- OTHER EMC-RELATED COURSES TAUGHT DURING THE FIRST HALF OF 1974 IN OTHER CITIES INCLUDE:
 - ELECTROMAGNETIC INTERFERENCE PREDICTION & ANALYSIS. MARCH 11 - 13, 1974, Los Angeles, Calif; APRIL 15 - 17, Boston, Mass.
Three days of training in the techniques of mathematical modeling with applications to prediction, analysis, and control of EMI to communications, navigation, AM/FM/TV broadcast, radar, land mobile, & other licensed services. \$375.*
 - ELECTROMAGNETIC COMPATIBILITY-DESIGN & MEASUREMENT FOR THE CONTROL OF RFI/EMI. MARCH 18 - 22, 1974, Ottawa, Canada; APRIL 22 - 26, Washington, D.C.
A 5-day seminar on Electromagnetic Interference (EMI) control and Electromagnetic Compatibility (EMC). \$550.*
 - MIL-STD-462/462B TESTING AND CLINIC. MAY 6 - 10, 1974, Washington, D.C.
Five days on the ABC's and how-to-do-it for Electromagnetic Interference testing with emphasis on MIL-STD-462/462B measurements. \$550.*
 - ELECTROMAGNETIC ENVIRONMENTS AND PERFORMANCE OF YOUR PRODUCTS. MAY 21 - 23, 1974, Washington, D.C.
Three days on how to develop and apply your own Electromagnetic Interference emission and susceptibility specifications with applications for hostile electromagnetic environments. \$375.*

Registration fee, in addition to the lecture series, includes one to two handbooks and texts, lecture notes, luncheon, and break refreshments. For further information or registration, contact:

MRS. MURIEL M. MOELLER
Training Program Director — Don White Consultants, Inc.
14800 Springfield Road — Germantown, Maryland — 301-948-0028

Saturday April 27's The Date . . .

. . . for the 1974 IEEE Recognition Dinner at the Arlington Park Towers. Past dinners have been a roaring success — don't miss this one. Send for your tickets now. Meet your fellow IEEE members and their spouses for a great night out. Enjoy hor D'oeuvres, dinner, dancing, and entertainment.

Make your reservation now! Send a check (made payable to IEEE Chicago Section) or use American Express, Master Charge, Diners Club, or Bank Americard number for \$12.50 per person to:

J. Reynolds
Room 5118
Motorola Inc.
9401 W. Grand Avenue
Franklin Park, Illinois 60131

From: _____
Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Card Number: _____ Number of Tickets: _____

Calls for Papers!

NEC '74

The 1974 National Electronic Conference solicits original research papers from universities, industries and government. NEC '74, like NEC '73, has a theme of COMMUNICATIONS; papers which relate to this theme are especially encouraged. Tutorial and application papers are also solicited. Persons interested in organizing a session should contact the technical program chairman as soon as possible.

Papers are invited for twenty to thirty minute presentations. A full conference record will be published prior to the conference and made available to attendees, IEEE-Members, and libraries. Awards of \$500 each will be given to the author(s) of the best original research paper and the best tutorial paper.

Four copies of a 500 word summary must be received by April 19, 1974. The summary should be of sufficient detail to permit careful reviewing. Tutorial papers should be clearly identified. Please send summaries to:

Dr. James L. Melsa
Technical Program Chairman — NEC '74
Department of Electrical Engineering
University of Notre Dame
Notre Dame, Indiana 46556

Acceptance of papers for the conference will be announced on or about May 15th, 1974. Final, camera-ready manuscripts will be due on July 15th, 1974.

IEEE INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY

The 1974 International Symposium on Information Theory will be held at the Center for Continuing Education, University of Notre Dame, Notre Dame, Indiana, U.S.A. on October 28 through 31, 1974, with registration on Sunday, October 27. The Symposium will end at noon on October 31. General inquiries concerning the symposium may be sent to: James L. Massey, Dept. of Electrical Engineering, University of Notre Dame, Notre Dame, Indiana 46556, U.S.A.

Papers are invited in the following fields: coding theory, communication systems, computational complexity, detection and estimation, optical communications, pattern recognition, stochastic processes, and Shannon theory.

There will be two kinds of contributed papers: the "long" papers of 30 minute duration and the "short" papers of 15 minute duration. The "long" papers will

be accepted on the basis of the complete manuscript. The "short" papers will be accepted on the basis of a 500 word summary. Both the complete manuscripts and the summaries should be submitted together with an abstract suitable for inclusion in the Symposium program. Manuscripts submitted for consideration as "long" papers that cannot be accommodated in the program in this category will be considered in the "short" paper category unless the author instructs otherwise. Authors should indicate the area of their paper for ease in processing.

Deadline for papers

The deadline for the submission of all manuscripts, summaries and abstracts is March 15, 1974. Acceptances and rejections will be made by June 1, 1974. Every effort will be made to give early decisions on papers submitted early. Three copies of all manuscripts should be sent to: R. T. Chien, Coordinated Science Laboratory, University of Illinois, Urbana, Illinois 61801, U.S.A.

CHICAGO SPRING CONFERENCE 1974

The 1974 Chicago Spring Conference will be held at the Marriott Motor Hotel in Chicago on June 10, 11, 1974. Special consideration will be given to papers that present innovative concepts and techniques related to consumer product designs.

A certificate, plaque and \$100 prize money will be awarded for the best paper of the conference.

The deadline for receipt of papers is March 6, 1974. Potential authors are requested to submit a 50-100 word summary. The paper title, author(s), company affiliation and position should also be included. Papers should be limited to 2500 words and the presentation to twenty minutes.

The schedule required for participation in the conference and publication in the *IEEE Transactions on Broadcast and Television Receivers* is as follows:

March 6, 1974 — Deadline for submission of summary of proposed paper.

April 1, 1974 — Authors will be advised of acceptance by this date. Biographical information requests and instructions for preparation of final copy will be mailed.

Please submit proposed papers to:

Mr. Ted Rzeszewski
Papers Committee
Motorola Inc.
9401 W. Grand Avenue
Franklin Park, Illinois 60131
Phone: 312-451-1000

IEEE Plans Appointment of New General Manager in 1974

(New York, N.Y.) — The IEEE has set up a Search Committee to seek a new General Manager as Donald G. Fink, who currently fills the dual role of Executive Director and General Manager, will reach retirement age in 1976. Fink suggested to the IEEE Executive Committee that a General Manager be selected and take office by the end of 1974, to provide adequate time for orderly transfer of management responsibility prior to his retirement.

The Executive Committee, in agreeing to this proposal, has appointed a six-man Search Committee and has drawn up a list of specifications for the position. Managing the internal affairs of IEEE, is a particularly demanding assignment, and the year during which Fink would be available to advise his successor would be a busy one.

The Search Committee consists of Dr. Harold Chestnut, IEEE past president as chairman; IEEE president John J. Guarrera; vice presidents Robert F. Cotellessa and J. K. Dillard; and two other past presidents: Bernard M. Oliver, vice president of Hewlett Packard; and Seymour W. Herwald, vice president of Westinghouse Electric Corporation.

Requirements Set for Overhead Connectors

EEI-NEMA standards for connectors used between aluminum or aluminum-copper overhead conductors are now available. The "Report of the Joint Committee of the Edison Electric Institute and the National Electrical Manufacturers Association on Connectors for Aluminum Conductors" has been issued as EEI Publication TDJ-162; NEMA Publication CC 3-1973. Copies can be obtained at 85 cents each from EEI at 90 Park Avenue, New York, N.Y. 10016, or NEMA at 155 East 44 Street, New York, N.Y. 10017.

These standards supersede EEI Publication TDJ-162, NEMA Publication SG 14. 10-1962, EEI-NEMA Standards for Overhead Distribution Connectors for Aluminum Conductors dated October 1962.