PRESIDENT'S REPORT

It is traditional for the incoming president to report the Society’s affairs to the general membership of the Society. I do so through the media of the NEWSLETTER with the highlights of the Society’s accomplishments for the year passed and of the goals and aspiration for the year ahead of us.

The Society’s membership at the close of the year 31 December 1978 stood at 2819 active members. The year before, the active membership of the Society was 2662. We have thus experienced a modest growth of 5.9% which is encouraging but is not on par with 7.1% growth registered for all Societies/Groups of IEEE. The goal for 1979 was set at 8% growth which, if accomplished, would push the total society active membership over the 3000 mark.

Financially the Society is on solid footing. The 1978 actual income was $129.9K and the actual expense $127.2K. The modest surplus of $2.7K was added to the Society accumulated reserve of $46.7K. Of the $129.9K income, 12.9% was derived from member fees, 15.2% from IEEE support and interest on reserve, 48% from periodicals, 4.6% from non periodicals, 18.3% from meetings and 1% from other sources. Of the $127.2K expenses 46.8% was expanded on periodicals (transactions and Newsletter), 19% on non-periodicals, 15% on meetings, 18.4% on administration and 0.8% on other items.

The membership of our Society has been served well in 1978. We have five excellent issues of the TRANSACTIONS with a total of 400 pages plus page index. This was published at an average cost of $6.8K per issue. The general membership received five issues of the Newsletter having on a average 12 pages/issue and published at an average cost of $1.3K per issue. Each member received a bonus of the RAM Symposium Proceedings and the Physics of Failure Symposium Proceedings. The Society has sponsored and organized a number of Symposia and Conferences; supported Chapters through awards incentives, and has subsidized an annual awards luncheon at which the yearly Reliability Society Award is presented. Lastly, available to the general membership were Reliability Standards and Guides, educational activities of chapters, and ample op-
portunities for active participation in ADOC Committees working in such areas as: Nuclear Reliability and Safety, Human Performance Reliability, Soft-ware Reliability, International Reliability Activities, Maintainability, Advanced Reliability Devices, Standards and Definitions, and Publications.

Looking into and planning for the future, I have established an Ad Hoc Committee on Long Term plans whose goal will be to help ADOC chart the future directions and commitments of the Society to its members and to the Institute. The Committee will examine the feasibility of such programs as: sponsoring a congressional fellow; organizing a Reliability study group on an exchange basis with European, Asian or South American countries; subsidizing a Reliability scholarship; establishing an University Chair of Reliability studies, and other possible programs.

I have also established an Ad Hoc Committee on Society Finances. This Committee will examine ways and means by which programs recommended by the Ad Hoc Committee on Long Term Plans could be implemented. The Committee will also assist ADOC to chart long term financial commitments by examining potential sources of income, its budgeting for expenses, and its investments.

Presently, ADOC Action Items include: (1) Expanding Tech Operations activities into new areas of Reliability involving solar energy systems, computer architecture and computer networks, (2) Development of home study Reliability course through IEEE press, (3) expanding the Society sponsorship base of national symposia/conferences in order to ascertain society’s involvement in the mainstream of current major technological activities, (4) exploring the feasibility of publishing a Reliability newsletter and a companion document dealing with human performance reliability in development of software systems, and (5) initiating fresh and imaginative efforts in membership drive.

To the general membership of the Society I would like to issue a special plea for involvement in the dynamics of the Chapter activities and in the work of the various ADOC Committees. It is axiomatic that the strength of the Society lies in the professional activities at the various levels of the Society structure. This strength however is derived directly from the support of the general membership. It follows then that your involvement is crucial if the Society is to ascertain availability of professional development for its members and the propagation of Reliability discipline knowledge.

Lastly, I invite your direct communications of concerns, your suggestions or comments, your inquiries, your constructive criticism, and most welcomed of all your offer of direct involvement.

Dr. Thaddeus L. Regulski
President
Alan Platt

Reliability Society Newsletter is published quarterly by the Reliability Society of the Institute of Electrical and Electronics Engineers, Inc., 445 Hoes Lane, P.O. Box 2190, Piscataway, New Jersey, 08855. Send all correspondence and without additional cost to each member of the Reliability Soc. Printed in U.S.A. Second-class postage paid at New York, NY and at additional mailing offices.

Editor: John Peter Rooney, Old Colony Estates, 16 Sansome Street, Plymouth, MA 02360.

As of 1 July 1979 the new professional association of Dr. T. L. Regulski will be:
Goodyear Aerospace Corporation
Uichfield Park, Arizona 85140
(602) 932-3232
The preferred professional mailing address is:
P. O. Box 295
Goodyear, Arizona 85338

TREASURER’S REPORT
Irwin A. Feigenbaum

Having taken over the duties of Reliability Society Treasurer in January of this year, this is my first report to the membership. I will attempt to continue to keep you informed of our financial status in the same manner as my predecessor, Paul Gottfried. We all owe him a vote of thanks for the excellent job he has done during the past four years.

Financially, the Reliability Society had another surplus for 1978. The financial report for last year indicated a surplus of $3,800 which brought our reserves up to $46,700. While the surplus for 1978 was considerably less than the surpluses for 1976 and 1977, it provided a continued level of reserves which is considered reasonable with respect to the size of our annual budget and the advances needed for the symposia we sponsor.

The reserves are high enough to provide continuation of such extra services as automatic distribution of symposia proceedings to members and expansion of Transactions of Newsletters. Also, they allow us to keep our society membership fees at the same level even though expenses are increasing due to inflation.

Present indications are that there will be a deficit in 1979 based upon assumptions that income will remain relatively stable and expenses will increase due to inflation. Our official 1979 budget provides for an estimated deficit of $56,700. However, this deficit will probably be lower due to higher anticipated reserves expected from Transactions sales and symposia meeting receipts. Condensed figures for 1978 actually and the 1979 budget are as follows:

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<thead>
<tr>
<th>Category</th>
<th>1978</th>
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</tr>
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<tr>
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<tr>
<td>Total</td>
<td>129,700</td>
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</table>

IRWIN A. FEIGENBAUM
Treasurer

Mr. Feigenbaum was appointed Treasurer of the Reliability Society in January of this year. He is a member of the Technical Staff of the Reliability and Quality Assurance Laboratory at COMSAT Laboratories, Clarksville, Maryland. He is responsible for implementing reliability, quality assurance, and component part programs associated with COMSAT satellite and earth station applications.

Before joining COMSAT in 1973, Mr. Feigenbaum had over twenty years of experience in reliability, components engineering, standards, and quality assurance activities. His prior positions included Manager of Components Engineering at Litton Industries and Manager of Parts, Materials and Processes in the Reliability Section of the General Electric Company Remote Systems Division. He also had prior positions in reliability, standards, and components engineering with the Department of Defense.

Mr. Feigenbaum received a B.S.E.E. degree from Newark College of Engineering in 1949 and an M.S.E.E. degree from Rutgers University in 1955. He is a member of the IEEE Components, Hybrids, and Manufacturing Technology Society and the IEEE Electron Devices Society in addition to being a member of the IEEE Reliability Society. He is a Past Chairman of the Washington, D.C. Chapter of the IEEE Reliability Group, and a Past Chairman of the Philadelphia Chapter of the IEEE Component Parts Group. He previously served on the IEEE Reliability Group National Administrative Committee as Assistant Treasurer.
ALAN PLAIT
Vice President
Publications, AdCom Reliability Society

Alan's initial position was as an engineer at the REE newsletter in Fort Wayne, Indiana section. Since then, he advanced through the elected positions to Chairman of the National Capital Reliability Chapter. Alan also became active in ASQC, becoming Chairman of the Washington, DC Chapter (1973-74). Program Vice Chairman of the 1972 Annual Technical Conference, and elected a Fellow in 1974. He has held a number of positions in IEEE, sponsored conferences, such as the Reliability Physics Symposium, has published, coordinated, and taught in the highly successful RAM tutorial sessions for the past five years. He is also a member of NSPE, and a Fellow of the Washington Academy of Sciences.

Alan obtained a BS Math (1951) and BSEE (1957) from Illinois Tech and an MS Systems Engineering (1975) from Virginia Tech. He is a member of such honorary societies as Eta Kappa Nu, Tau Beta Pi, Pi Delta Epsilon (journalism) and Kappa Epsilon (Radio Engineering). He is listed in American Men and Women in Science and Engineering.

As an avocational, Alan teaches at the U.S. Department of Agriculture's Graduate School (since 1963), and has taught mathematics, electronics, mechanical engineering, reliability, and quality statistics at such institutions as Illinois Tech, George Washington University, Virginia Tech, and the University of Connecticut.

Alan is a Staff Advisor in Reliability and Systems Engineering at ManTech of New Jersey Corporation's Advanced Support Technology Division. In the past, he has been associated with Armour Research Foundation (now ITR), Magravox, Melpar, and Computer Science Corporation.

He and his wife Evelyn live in Springfield, Virginia.

RELIABILITY SOCIETY CHAPTER CHAIRMEN

SOCIETY PRESIDENT
T. L. Regulinski
ATT (BNC)

Wright Patterson AFB, OH 45433

Cleveland, OH 44135

Baltimore
W. C. Blackwell, Jr.
P. O. Box 746
Baltimore, MD 21203

COLUMBUS
W. J. Hoffer
2100 Brookpark Road
Cleveland, OH 44103

BROOKLYN
A. F. Bone
3 Punxion Drive
Baltimore, MD 21207

CONNECTICUT
David J. Finkom
3 Punxion Drive
Baltimore, MD 21207

CLEVELAND
W. R. Lally
2100 Brookpark Road
M 500 211
Cleveland, OH 44135

CINCINNATI
3 Punxion Drive
Baltimore, MD 21207

CLAYTON
S. N. Chin
10000 2nd Ave. N.
Largo, FL 33540

FLORIDA
Charles M. Krzesicki
34B Hackackmess Street
Wood Ridge, NJ 07075

LOS ANGELES
I. Doshay
305 Sunview Drive
New York, NY 10021

NEW JERSEY COAST
Bernard Meyer
Meadow Hill Road, Apt. 258B
Easton, NJ 07204

LOUISIANA
L. J. Drost
242 East 75th Street
New York, NY 10021

NEW YORK LONG ISLAND
J. J. Drost
424 East 75th Street
New York, NY 10021

Boulder, Colorado
Possible Chapter?

The ad in the October 1978 issue of the Reliability Society Newsletter for new area chapters was answered proposing a specific new chapter in the Boulder, Colorado area. It seems that any other society members wishing to join or start a chapter, please contact Henry A. Malec, Chapter Activities Chairman, at ITT Telecommunications Technology Center, 1 Research Drive, Shenton, Connecticut 06484.

New York/Long Island

The following candidates were nominated for the offices of the New York/Long Island Chapter, for the term of July 1, 1979 to June 30, 1980:

Chairman: Donald W. Mattson, Hazeltine Corp. Vice-Chairman: Victor J. Bonardi, Fanchild Republic Corp. Secretary-Treasurer: Joseph J. Drost, Grumman Aerospace Corp. Publicity & Facilities Chairman: Joseph J. Gery, Hartman Systems During the past season, the New York/Long Island Chapter participated in five meetings, including the Annual Logistics Symposium, held at Adelphi University, April 24, 1979. Attendance at this year's Chapter's meetings was an improvement over the 1977-1978 season, and a more diversified program was offered to the members.

CHAPTER NEWS

The Chapter Awards were presented at the Awards luncheon on January 23, 1979 at the KAMS. The first, second, and third awards were presented per the award rules. Each of the three chapter chairmen also received a current book and a framed certificate. Individual letters of congratulations were sent to the 4th thru 10th place chapter winners along with chapter awards of $15 of stamps. Ten of the eighteen chapters entered the yearly IEI Reliability Society Awards Program.

CHAPTER AWARDS 1977-1978

Cleveland
Raymond H. Seidl
Chicago
Henry A. Malec

First Place—The award for first place will consist of providing the Chapter with a planned program for one of their regular meetings. An outstanding speaker(s) will be selected to present a topic to the Chapter on a subject that is of general interest to the Chapter. A maximum of $500.00 for expenses for this speaker will be paid by the AdCom. A suitable award will be given to the Chapter Chairman.

This Chapter meeting will not be "counted" in scoring for the following year's awards.

Second Place—The award for second place will be $150.00, plus a suitable award for the Chapter Chairman.

Third Place—The award for third place will be $100.00, plus an award for the Chapter Chairman.

All other entries—The award for fourth place, etc. will be 300 class stamps for chapter meeting notices.

The second and third place cash awards are checks to be used only by the respective Reliability Chapters for improving their professional status.

No tie will be allowed and the judgment of the Society Awards Committee Final Meeting records, furnished by the Chapter as verified by the Society Awards Committee, will be used for all point measurement.

The award will be on a yearly basis with the period of measurement from July 1 of one year to June 30 of the following year.

To qualify for an award, a Chapter must be in operation and be authorized by IEEE prior to July 1 of the measurement period. The awards will be made by the AdCom upon recommendation of the Society Awards Committee.

The Reliability Society Chapter Awards are presented on the basis of total points from the following:

1. Number of Meetings

200 points will be earned for every meeting in excess of 4 per year in which a Chapter participates. Joint meetings with other Chapters or the section and symposiums will count for this item.

2. Symposium or Conference

Promotion of a symposium or conference arranged and sponsored. 250 points will be earned for such an activity co-sponsored by a chapter. Additional points will be earned if transactions are published for the conference.

3. Training

250 points will be earned for the first sponsored (co-sponsored) training course and 250 (125) points for each addi-
tional course sponsored (co-sponsored) in the year by a Chapter. The training course can be one of those prepared by the SCV Com or can be one at the college or university level which is motivated by the Chapter. To be eligible for these points, the Chapter must supply a written description of the course.

4. Written Papers and Meeting Participation

100 points will be awarded for a reliability paper authored or co-authored by a member of this chapter if selected for presentation at a meeting, or if published in a conference or symposium. If selected for the RAMS, an additional 100 points will be awarded.

For each paper written by a member of this chapter and published in the 57 IEEE Transactions 200 points will be awarded.

100 points will be awarded for each chapter member participating as a session organizer, moderator, or panel member at a conference or symposium.

100 points will be earned for each chapter member participating as a speaker or a panel member at a meeting.

5. Newsletter Items

200 points per Newsletter will be awarded for a Chapter when it has submitted information to the Newsletter editor which is actually published. The points will be earned for each Newsletter in which such Chapter information appears.

6. Membership

50 points will be earned for each percentage-point increase in membership from last year.

Please mail all chapter news items to:

John Peter Rooney
Editor, Newsletter
Old Colony Estates
16 Sansome Street
Plymouth, MA 02360

And, for future reference:

FELLOW GRADE
The grade of fellow is one of unusual professional distinction and shall be conferred only by invitation of the Board of Directors upon a person of outstanding and extraordinary qualifications and experience in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, who has made individual contributions to one or more of those fields. The year of election to the grade of fellow is the year following affirmative action by the Board of Directors in conferring the grade of fellow. The candidate shall hold Fellow member grade for three years. The nomination is submitted and shall have been a member in any grade for a period of five years or more preceding January 1 of the year of election.

IEEE Members Honored ByEta Kappa Nu

Eta Kappa Nu, the electrical engineering honor society, has selected Richard E. Binney as the Outstanding Young Electrical Engineer in the U.S. for 1978. Mr. Binney is a member of the technical staff at IBM Corp. in Boca Raton, Fla.

The Jury of Award also selected David W. McElroy for Honorable Mentions. Mr. McElroy is a technical staff member at Westinghouse Corp. in Sharon, PA.

The HRK recognition is awarded annually to young electrical engineering graduates for meritorious service in the interests of their fellow men as well as outstanding achievements in their chosen profession.

The presentation of the awards was made at the 43rd Annual Award Dinner on April 23, 1979 at the New York Sheraton Hotel in New York City.

IEEE Professional Communication Society Offers Proven Home-Study Writing Course

Over 200 engineers and other technical specialists have enrolled in the PCI-sponsored home-study writing course since its inception in late 1977. This course, entitled "Technically-Write" and developed by Ron D. Kramis, is specifically structured for engineers and scientists who want to master the communications techniques essential to their career advancement.

Each student who enrolls in this home-study course is assigned to an instructor by the hostel in which he is employed. Students mail completed assignments to their individual instructor who appraises their work and returns practical comments. This personalized attention and easy paced teaching approach is structured to help individuals with undeveloped writing skills advance rapidly to confer confidence of various communication techniques.

Eleven "information packages" cover such topics as technical reports, letter writing, job and project descriptions, resumes, and technical articles. Students learn how to recognize communications that may be ignored or misinterpreted, as well as how to write to get the desired action or action. The course usually requires 3 to 4 months to complete.

Those interested in enrolling in this course may do so by contacting the IEEE Continuing Education, 445 Hoes Lane, Piscataway, NJ 08854. The price for IEEE members is $80.00, while the price for nonmembers is $105.00. The cost of such a course is often borne by the student's company, and is almost always considered to be a tax-deductible expense.

EAB Introduces Microprocessor Home-Study Course

Heath Company's ETS-3400 with miniature digital computer can now be obtained through IEEE by IEEE members, their associates and students. The program, which covers microprocessor basics, computer arithmetic, programming, interfacing and much more in a logical, easily understood manner.

The program is complete with 62 electronic components required to complete the experiments. These components include: two 2126 256 x 4-bit RAMs; 6820A interface chip; 1406 digital analog converter; 741 and 301 op amps and a variety of other microprocessor-oriented components.

Those who complete the course and obtain a 70% or better grade on the final examination, the Institute will award 8.0 Continuing Education Achievement Units (CEAU).

Please specify full title—Heath Kit ETS-3400 Microprocessor Course—when ordering.

Because we want our members to continually advance in their careers, we are underwriting—fors IEEE members only—a rebate of $35.00 upon proof of satisfactory completion of this course provided the member is sponsored by IEEE. If you are interested in enrolling or only seeking further information, we invite you to write to: IEEE Education Register, 345 East 47th St., New York, N.Y. 10017.

Please specify full title—Heath Kit ETS-3400 Microprocessor Course—when writing.

Technical Reading: Moving Right Along

Is there an engineer in the universe who hasn't looked to the heavens and asked, "How in the blankety-blank can I get through all this blankety-blank reading?"

Many have asked the question...and many have done something about it. Some have discovered that they're now moving right along with their technical reading...and they're crediting their success to the Speed Reading learning techniques of the Educational Media Network. "Advanced Technical Reading." It's a 3 day intensive program that will 'run' in-house for you. The home-study version of the course is called "Technical Reading." As one General Electric engineer described the course, "It gives you a system for handling written material more intelligently, with speed as song on the cake." If you're interested in moving right along with your technical reading, just hear from you. Call V. J. Gardina, (201) 981-0060 Ext. 17 4175.

IEEE Centennial

The year 1984 marks the one-hundredth anniversary of the founding of the the American Institute of Electrical Engineers (AIEE). The IEEE, formed by a merger of the AIEE and the Institute of Radio Engineers (IRE), will celebrate its centennial during the year beginning Jan. 1, 1984.

Two committees have been appointed to plan for this major event. The first, primarily an honorary group is the Centennial Committee, to be chaired each year through 1984 by the immediate past President. Its other members are: John Bardeen, Patrick Haggerty, William R. Hewlett, William C. Norris, Robert N. Noyce, Simon Ramo, John W. Simpson, and Charles H. Townes.

The working group for Centennial planning is called the Centennial Task Force. With John D. Ryder as the chairman, the Task Force has the following membership: Nathan Colen, Robert F. Coreless, Lawrence P. Grayson, Donald T. Michael, William W. Middleton and M. E. Van Valkenburg. The Task Force will soon begin actively considering possibleCentennial activities. Suggestions should be directed to Reed Crone, Staff Secretary of the Centennial Task Force, IEEE Headquarters, (212) 646-7557.

Age Discrimination Practices

Interested members are reminded of a booklet on this subject, previously announced, which is still available from IEEE.

The purpose of the Age Discrimination in Employment Act is "to promote employment of older persons based on their ability rather than age in employment, to help employers and workers find ways of meeting problems arising from the impact of age on employment."

The booklet covers pertinent provisions of the Age Discrimination in Employment Act of 1967 with its 1978 amendments, issues "red flag" warning signals on detection and assessment of age discrimination, and offers advice on what can be done. A 16 page appendix provides a list of offices to contact in suspected cases.

Copies are available from the IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. Ask for publication IEEE Cat. No. 80133-1 Members—$3, non-members—$6.

ELIGIBLE FOR SENIOR MEMBERSHIP?

At the April 6, 1979 meeting of the Reliability Society's Admin- strative Committee, it was voted to recommend that all members of the Reliability Society consider upgrading to Senior Member, IEEE, if they are eligible.

How about you?

SENIOR MEMBER GRADE
Senior Member is the highest professional grade for which applica-
tion may be made. Such an award requires experience reflecting profes-
sional maturity. For admission or transfer to the grade of Senior Member, a candidate shall be an engineer, scientist, education executive or originator in the fields of electrical or elec-
tronics engineering and science, radio, allied branches of engineering or related arts and sciences.

The candidate shall have been active in professional practice for at least ten years and shall have shown significant performance over a period of at least five of those years, such performance including one or more of the following:

- Publication of engineering or scientific papers, books or inventions;
- Technical direction with evidence of accomplishment of important scientific or engineering work;
- Recognized contributions to the welfare of the scientific or engineering profession;
- Development or furnishing of important scientific or engineering courses in a "school of recognized standing;"
- Contributions equivalent to those of "A" or "B" above in research such as technical editing, patent prosecution or patent law, provided these contributions serve to advance technology substantially in the fields of electrical or electronics, radio, allied branches of engineering or the related arts and sciences.

The proper forms are available from IEEE Headquarters. If you qualify, or think you might, why not get the procedure in motion?

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Copies are available from the IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. Ask for publication IEEE Cat. No. 80133-1 Members—$3, non-members—$6.
CALL FOR PAPERS

SRE-80 RELIABILITY SYMPOSIUM TIE TRANSPORTATION INFORMATION AND ENERGY

A Symposium dealing with Reliability, Maintainability and Safety of Transportation, Information and Energy systems is being sponsored by the SRE. Emphasis is being placed on problems and solutions to enhance operational efficiency and reduce downtime. SRE-80, TIE, will pay special attention to the practical approach, and papers are especially solicited in this area. However, theoretical papers will be considered if they include new features and extend the state-of-the-art. Papers should deal with work in the fields shown on the attached "Fault Tree."

The deadline for submission of papers is December 15th, 1979. Prospective authors are requested to notify the program chairman before July 31, 1979 of their intention to submit a paper and the topics to be discussed. Authors must submit a 50 word descriptive abstract and a 300-500 word summary.

Both abstract and summary must clearly state: 1) The Purpose of the Work, 2) How it Advances Knowledge in the appropriate subject, and 3) The Results of the Investigation. The 50 word abstract, suitable for publication in the advance program, should be typed on a separate sheet and include the title of the talk, name and affiliation of the author(s), complete return address, and telephone number. The 300-500 word summary must be submitted in a single-sided, double space typewritten format suitable for immediate reproduction and review purposes. No photographs are permitted because of printing restrictions. The title, name and affiliation of authors, complete return address and telephone number should appear on the first page, and the paper title and author's name on each subsequent page.

Please circulate this Call for Papers within your organization.

MAY 15–16, 1980

HOLIDAY INN, DOWNTOWN, TORONTO
CALL FOR PAPERS

ISCAS'80 will be held at the Shamrock Hilton Hotel, Houston Texas, USA, April 28–30, 1980. Workshops will be conducted by the various technical committees of the Circuits and Systems Society immediately preceding the symposium on April 27th.

The symposium sponsored by the IEEE Circuits and Systems Society will be the 13th annual international conference devoted to all aspects of the theory, design, and application of circuits and systems. The technical program through its planned special sessions and colloquia will focus on microelectronics—physics to applications. The symposium will also host a special colloquium on Large Data Systems in Oil and Gas Exploration.

Proposals for special sessions and colloquia should be directed to Professor Glenn M. Glaefker, Electrical and Computer Engineering Department, Link Hall, Syracuse University, Syracuse, New York 13210 USA.

In ASIA Dr. Tatsuaki Ohno, Central Research Labs, Nippon Electric Co., Ltd. 4-1-1 Miyazaki, Takatsu-ku Kawasaki 213 JAPAN.

papers no later than 1 February 1980. Authors should submit three copies of their material to:

IEEE ANNOUNCES SPECIAL
PRE-PUBLICATION PRICE ON 1979 SALARY
AND FRINGE BENEFIT SURVEY

(New York, N.Y.)—Special pre-publication discount prices have been set for the IEEE 1979 U.S. Membership Salary and Fringe Benefit Survey, to be published on August 31, 1979, by the Institute of Electrical and Electronics Engineers, Inc., through the sponsorship of the IEEE United States Activities Board.

The Survey questionnaire was mailed in March 1979 to 27,000 IEEE Members, Senior Members and Fellows in the U.S. Tabulation and analysis of responses is now underway.

The printed Survey report will contain the latest available information on FT salaries as they relate to numerous variables, such as job function, supervisory responsibility, type of employer, company size and geographic location, years of experience and level of education.

The report will also contain extensive tables showing income based on numerous pairs of variables simultaneously, such as income vs. geographic region by industry or service of employer, and income vs. years with present employer by organization job function.

Additional sections will include survey statistics on pensions and supplementary retirement plans, life, health, accident and major medical insurance coverage, employer contributions to professional society activities, and vacations.

The IEEE 1979 U.S. Membership Salary and Fringe Benefit Survey (LHO134-7) is priced at $32.00 for IEEE members and $50.00 for nonmembers for all orders postmarked on or before August 31, 1979. After that date the price will be $36.00 for members and $54.00 for nonmembers.

The Survey may be ordered from the IEEE Service Center, 445 Hoes Lane, Piscataway, N.J. 08854. A $2.00 billing charge is added to all non-prepaid orders.

1980 ANNUAL RELIABILITY AND MAINTAINABILITY SYMPOSIUM

San Francisco Hilton and Tower Hotel
San Francisco, CA
January 22, 23, 24, 1980

THEME: Doing More With Less—Challenge of the 80's

SYMPHONI ON NUCLEAR
POWER SYSTEMS

San Francisco, California
October 17–19, 1979

Plans are being formulated for the SNPS Conference which will again provide a meeting place for engineers engaged in the practical aspects of nuclear power plant instrumentation, electrical and control systems.

This conference will be held in conjunction with the Nuclear Science Symposium.

Inquiries should be forwarded to J. Forster, General Electric MC014, 375 Curtner Ave., San Jose, California 95123.
Tel. (408) 925-2131.
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<td>JULY</td>
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<tr>
<td>July 15-20</td>
<td>Power Engineering Society Summer Meeting</td>
<td>Hotel Vancouver, Vancouver, B.C. Canada</td>
<td>H. Goldie 555 W. Hastings St. Vancouver, BC, Canada V6B 4T6 (604) 663-2310</td>
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<tr>
<td>July 16-20</td>
<td>Annual Conference on Nuclear &amp; Space Radiation Effects</td>
<td>Santa Cruz, Calif.</td>
<td>J. P. Raymond Mission Research Corp. P.O. Box 1209 La Jolla, CA 92037</td>
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<tr>
<td>July 17-19</td>
<td>Intl Symposium on Circuits &amp; Systems</td>
<td>Tokyo, Japan</td>
<td>Kazuo Hirotsuki Dept. of Elect. &amp; Comm. Engr. Waseda University Shinjuku, Tokyo, 160 Japan</td>
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<tr>
<td>July 17-20</td>
<td>Joint Internmag and Magnetism &amp; Magnetic Materials Conference</td>
<td>New York</td>
<td>F. E. Lubovsky General Electric R&amp;D Center P.O. Box 8 Schenectady, NY 12301</td>
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<th>AUGUST</th>
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<td></td>
<td>Pattern Recognition and Image Processing</td>
<td>Hyatt Regency Chicago O'Hare Chicago, Ill.</td>
<td>Pattern Recognition P.O. Box 639 Silver Spring, MD 20901 (301) 439-7007</td>
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<tr>
<td>Sept 4-10</td>
<td>Intl Meeting on Magnetic Recording on Particular Media</td>
<td>Gardone Riviera (Brescia) Italy</td>
<td>Dr. Angelo R. Corradi Sonores, S.P.A. Via Bonfadina 14 I-25046 Cazzago S.M. (Brescia), Italy</td>
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<tr>
<td>Sept 10-12</td>
<td>Petroleum &amp; Chemical Industry Technical Conference</td>
<td>Del Coronado Hotel San Diego, Calif.</td>
<td>R. M. Jackson P.O. Box 7600 Union Oil Co. of Calif. Los Angeles, Calif. 90051 (213) 486-6417</td>
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<tr>
<td>Sept 17-19</td>
<td>The Fourth Intl Conference on Software Engineering</td>
<td>Munich, Germany</td>
<td>Prof. Fritz Bauer Institut fur Informatik der Technischen Universitat D-8 Munchen 2 Arcisstrasse 21 Postfach 90 94 90 Germany</td>
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<tr>
<td>Sept 18-20</td>
<td>5th European Solid State Circuits Conference &quot;ESSCIRC '79&quot;</td>
<td>Univ. of Southampton England</td>
<td>IEE Conference Dept. Savoy Place London WC2R 0BL England Phone: 01-240-1871</td>
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<td>DATE(S)</td>
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<td>Sept 19-21</td>
<td>Automatic Support Systems for Advanced Maintainability</td>
<td>Radisson Hotel (Downtown) Minneapolis, MN.</td>
<td>A. O. Thomajo Honeywell Inc. 1625 Zanthan Ave. South St. Louis Park, MN 55416 (612) 542-4811 Frank Mediav, Program Chairman (612) 542-5495</td>
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<tr>
<td>Sept 24-26</td>
<td>Instrumentation in Aerospace Simulation Facilities Intl Congress</td>
<td>Naval Postgraduate School Monterey, CA</td>
<td>Dr. A. Shreeve Code 67 SF Dept. of Aeronautics Naval Postgraduate School Monterey, CA 93940 (408) 646-2312</td>
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<tr>
<td>Oct 4</td>
<td>Industry Applications</td>
<td>Bond Court Cleveland, Ohio</td>
<td>Henry W. Wearsch Reliance Electric Co. 24000 Tungsten Road Cleveland, Ohio 44117 (216) 268-6289</td>
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<td>OCTOBER</td>
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<td>Oct 1-2</td>
<td>First ASAP Workshop on Two-Dimensional Signal Processing</td>
<td>Lawrence Hall of Science University of California Berkeley, CA</td>
<td>Dr. Dennis M. Goodman, L 156 Lawrence Livermore Laboratory P.O. Box 5504 Livermore, CA 94550 (415) 422-8186</td>
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<tr>
<td>Oct 2-4</td>
<td>Int'l Electrical and Electronics Conf. and Exposition (IEEE &amp; E)</td>
<td>Sheraton Centre Toronto, Canada</td>
<td>IEEE Canada Office 7061 Yonge Street Thornhill, Ont., Canada L3T 2A6 (416) 881-9300</td>
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<tr>
<td>Oct 2-5</td>
<td>First International Conference on Distributed Computing Systems</td>
<td>Huntsville, AL</td>
<td>B. D. Carroll Electrical Engineering Auburn University 207 Dunston Hall Auburn, AL 36849 (205) 826-4330</td>
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<tr>
<td>Oct 3-5</td>
<td>5th Intl Conference on Very Large Data Bases</td>
<td>National Hotel Rio de Janeiro, Brazil</td>
<td>Prof. Stanley Y. W. Su 500 A West Hall Univ. of Florida Gainesville, Fl. 32611 (904) 392-2171</td>
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<tr>
<td>Oct 6-7</td>
<td>Frontiers of Engineering in Health Care</td>
<td>Denver Hilton Hotel Denver, CO</td>
<td>Morton D. Schwartz, Ph.D. California State University Long Beach, CA 90840 (213) 496-5102</td>
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<td>Oct. 8-9</td>
<td>Symposium on Hardware Descriptive Languages</td>
<td>Palo Alto, CA</td>
<td>Waldo Magnuson Lawrence Livermore Labs P.O. Box L-136 Livermore, CA 94550 (415) 422-9500</td>
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<tr>
<td>Oct. 8-10</td>
<td>Engineering in Medicine and Biology</td>
<td>Denver Hilton Hotel Denver, CO</td>
<td>El Fronim Drexel University Philadelphia, PA 19104 (215) 895-2217</td>
</tr>
<tr>
<td>Oct. 8-10</td>
<td>1979 International Conference on Cybernetics and Society</td>
<td>Denver Hilton Hotel Denver, CO</td>
<td>Dr. James D. Palmer Administrator Research &amp; Special Programs Dept. of Transportation 400 7th Street Washington, DC 20590 (202) 426-4461</td>
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<tr>
<td>Oct. 8-11</td>
<td>Electrical/Electronics Insulation Conference</td>
<td>Sheraton Boston</td>
<td>J. D. Deacon General Conference Chairman P.O. Box 4305 East Providence, RI 02914 (401) 434-2140</td>
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<tr>
<td>Oct. 9-11</td>
<td>Electronic and Aerospace Systems Convention (EASCON)</td>
<td>Sheraton National Hotel Arlington, VA</td>
<td>Herbert B. Benington V. P. and General Mgr. of Matrek Division Metre Corporation 1820 Dolly Madison Blvd. McLean, VA 22101</td>
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