

ELECTRICAL ENGINEERING®

WHAT CAN IEEE DO FOR YOU?

That's right—not one thing!

Oh, they can send you the best E/E tutorial articles and news items every month in Spectrum. . . And keep your up to date on the latest in your field through your Group's Transactions.

But they can't make you read them!

Your Section can set up several meetings a month where you can meet competitors, professors, leaders, and other engineers in a friendly, informative atmosphere. . . And they can arrange forums, seminars, and tutorial nights, where you can listen to and question the experts in your field, and become inspired by the work of others.

But they can't make you go!

They can encourage kids in Junior-Hi Senior-Hi, and College with advice and help. . . And they can cooperate with other engineering groups to enhance the whole profession.

But they can't make you help!

Nope, the IEEE can't do a thing for you—they can just make opportunities available. The rest is up to you.

—With a bow and greetings to Akron Section's "Bulletin"

CHALLENGES AND OPPORTUNITIES

'Tis August, and we salute newcomers to "Electrical Engineering" (E. E.) readership. Our heraldic device is the rolled-up shirtsleeve, arm flexed; our motto, "Watch This!"

16 MONTHS FOR THE PRICE OF 12. We point it out again for the benefit of all Sections, Chapters, Groups, and Societies intending to make a concerted effort to enroll new members (or enter new subscriptions): August '71 applications for Sept. 1 elections will secure a new member 16 months of service (i. e., until Dec. 31, '72) for one year's dues—a great bargain and a sufficient reason to go after applications hard in August (wherever you can) and in September, certainly, at your very first fall meeting or opening of college. The advantage dwindles month by month: 16, 15, 14, 13 (to 12—no special bargain), so react as quickly as you can. (Section rebates are based upon memberships at Dec. 31, so one of these early memberships earns your Section an immediate rebate.) See Bylaws 108.5, 405.7, 501.7; 402.10.

In response to many inquiries by Chairmen of Groups and Sections, President Mulligan intends to send a letter to them on his views concerning the Galindo petition (E. E. June, p. 2). Others desiring a copy should contact Betty Stillman or Esmi Bidstrup.

SOCIETAL VALUES IN IEEE ARTICLES. Dave Dobson of Aerospace & Electronic Systems Group sent to his Congressman, as information, marked articles from Transactions. Receipt was acknowledged with thanks and comment.

Since articles are addressed by authors to peer member-readers, what some of them contain may be more informative to legislators having a lively interest in engineering expert evaluation than a marked clipping from the Washington Post.

AN UPTODATE CALENDAR of Appointments and Elections appears on pp. 4A-4B of this E.E. This blue centerfold sheet should be preserved a year. It is not otherwise circulated. Versions formerly appended to Statements of Policy are now outdated. (Copy, Emily Sirjane)

In August each year the Nominations & Appointments Committee (N&A) recommends to the IEEE Board of Directors (BofD) and its Executive Committee (ExecCom) names of chairmen of 1972 standing Committees and Boards (except BofD). Chairmen so proposed (to 1972 BofD and ExecCom) are furnished with all nominations made for members of their committees, and must submit their slates by Oct. 1.

Ballots for IEEE officers and Directors and for Constitutional amendments go out to members the last week in August.

TOP-SIDE DEVELOPMENTS

IEEE TO BUILD IN NEW JERSEY. The administrative services of IEEE, representing occupancy of about half of the Institute's five floors in the 18-floor United Engineering Center (UEC) in New York, will be moved to a 13-acre tract in Piscataway, N. J. (4 miles east of New Brunswick; 2 miles from Rutgers engineering campus) as soon as a one-story office building, large enough to accommodate future growth, can be erected.

E.E. is sent without cost beyond dues to officers of IEEE Boards, Committees; Divisions, Societies, Groups, Conferences; Regions, Councils, Sections, Subsections, Chapters, and Branches. Second-class postage is paid at New York, N. Y.

This step has been worked out by three successive BofDs, as economically more favorable than the alternative, reported in E.E. Dec. '68, pp. 6-7 and Dec. '69, p. 7, of taking space in a then-projected Twin Tower at UEC. The move has been made feasible by virtue of adequate communication and transport between the City and its environs. Targets are: foundations, early '72; occupancy, early '73.

EXECCOM MEETING DATE in October will be the 15th. (Others, E.E. Feb. p. 3; June, p. 3.)

NOMINATIONS & APPOINTMENTS. Serving from Apr. 1, '71 to Mar. 31, '72, N&A consists of J. V. N. Granger, chairman; S. Cambias, Jr., J. K. Dillard, R. G. Elliot, J. J. Guarrera, Hubert Heffner, S. W. Herwald, J. H. Mulligan, Jr., D. C. Ports, G. A. Richardson, W. H. Thompson, and F. K. Willenbrock. Next February N&A will recommend to March BofD the reconstitution of the committee effective Apr. 1, '72, under the (then) Junior Past President. (Bylaw 311.9; E.E. Feb., p. 3)

A continuing objective of N&A is to achieve balance among its nominees: geographical, functional, age, affiliation and so on.

CONSTITUTIONAL AMENDMENTS. See E.E. June, p. 2. August Spectrum under "Focal Points," will contain a statement on the amendments proposed.

NOMINATION BY PETITION. For the office of President of IEEE, the Constitution, Article XII, Sections 1 to 3; and Bylaws 313.5, 313.6, specify the procedures to be followed in nominating by petition. ExecCom in May denied the request of a Senior Member to have his name placed on the ballot by procedures other than those so specified; and denied a further request for IEEE funds to present his views on IEEE matters in ways not equally open to all members. (See Spectrum, July, p. 10.)

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS (NSPE). IEEE's agreement with NSPE, whereby socially-concerned IEEE members in the United States might avail themselves, for a \$15 fee paid to NSPE, of that society's participation in employment and other non-technical activities on a broad engineering-legislative front, was outlined in Spectrum, Mar. '71, pp. 118-19, 145, and referred to in E.E. Feb., pp. 2, 4I, 4J; Apr., pp. 2, 3.

By the end of June, 145 IEEE members had affiliated with NSPE on the limited, \$15 plan; 30 more, qualified by being state-registered professional engineers, had joined NSPE outright. An additional 360 have shown interest by asking NSPE for information, and 600 more Spectrum readers have made similar inquiries of IEEE. Altogether, then, the plan has, to varied degrees, already aroused the interest of about a thousand IEEE members. As noted previously, this response will strengthen NSPE's voice for lobbying in behalf of electrical/electronics engineers.

In Spectrum, June, p. 5, IEEE President Mulligan asked for members' cooperation in helping him reply to NSPE President Simrall's inquiry regarding NSPE services that would be of particular usefulness to IEEE members. (See also Spectrum, July, p. 9.)

PROFESSIONAL OPPORTUNITIES FOR MINORITY GROUPS. An Educational Activities Board (EAB) committee on this subject was announced in Spectrum, June, p. 8.

(Editors, Group and Section publications, please note: Reference was made there to the current key activity of Professor Louis Padulo (S'59, M'71) of Morehouse and Stanford Universities. E.E. Aug. '70, p. 6, noted that the G-AES Editor had copied two items from E.E., and that Prof. Padulo, seeing them, had followed through. Moral: Weigh E.E. items in terms of republishing some—they may take root.)

WOMEN IN ENGINEERING. (Cf. E.E. June, pp. 2, 4.) EAB is referring to its new Committee on Professional Opportunities for Women (in electrical/electronics

engineering) by the acronym COMPOW. Recent progress was traced in Spectrum, June, p. 8. . . Chairman is Dr. Julia T. Apter (SM'68). She is now exploring possibilities of retraining engineers (women and others) for technical service in the field of medicine.

AWARDS BOARD. See pp. 4C-4D of this E.E. for topics considered of current importance.

LIFE MEMBERS. Under a proposed Bylaw 102.1 revision, any member, having attained age 65, would become a Life Member at such time his age plus years of membership totalled 100. The Bylaw at present specifies only 65 + 35 and 70 + 30. Watch for August BofD action on the recommendation.

COOPERATION WITH SOCIETIES ABROAD. August BofD will have before it an ExecCom recommendation of a new Bylaw 604, and an implementing Statement of Policy, encouraging cooperation with national engineering societies whenever IEEE participates in technical conferences and meetings outside the United States.

AUTOMOBILE INSURANCE FOR MEMBERS. Los Angeles Council has been authorized to offer an automobile insurance plan to IEEE members in California. In approving, ExecCom specified certain criteria for competitive selection of the administrator-carrier. Following the practice of IEEE in its life insurance program for members, the L. A. Council, while reimbursed for expenses, is to receive no financial gain beyond such reimbursement—that is, the basis is no-loss, no-gain. IEEE itself will merely supply labels at usual charges made to outside organizations.

THE UNEMPLOYMENT PROBLEM

FRONTAL ATTACK ON UNEMPLOYMENT. President Mulligan has signed a memorandum of understanding with the presidents of other engineering societies (civil—ASCE; mechanical—ASME; chemical—AIChE; mining, metallurgical, and petroleum—AIME;

aeronautical & astronautical—AIAA; professional—NSPE) to exert cooperative effort in a vigorous program to alleviate U. S. engineering unemployment, especially in aerospace and defense. The presidents have organized to assign lead responsibility to a specific society for each element of the implemented program, the others being pledged to cooperate and exchange information for united action.

NSPE OFFERS PROPOSAL TO DOL. In behalf of IEEE and other societies named in the previous item, NSPE has submitted to the U. S. Department of Labor (DOL) a proposal for a contract under which paid study teams of laid-off professionals in 14 critical unemployment areas would develop "basic information required by the profession and agencies of government to expedite the conversion of skills and problem-solving capabilities developed during the past decade into other areas of need in the economy."

The study teams would be set up, with overhead guidance from NSPE's Washington headquarters, upon recommendation of volunteer organizational units of the named engineering societies in local areas. An example is the Joint Societies Employment Advisory Committee (JSEAC) already functioning in conjunction with IEEE's Los Angeles Council, referred to by Director Guarrera in Spectrum, June, p. 6.

ACCEPTANCE OF GOVERNMENT FUNDING. Attention is called to Statement of Policy #19, requiring all IEEE units, and members acting for IEEE, to obtain ExecCom approval prior to accepting grants or contracts from government agencies for IEEE operating activities. This policy takes on particular meaning in connection with allocation of government support of member-placement activities. It does not apply, of course, to a member's receiving government funds for his own use.

UNEMPLOYMENT SURVEY, based on return of 6,150 postal cards from Spectrum, March, p. 119, shows that 23% of those returning them were unemployed or expected to lose their jobs. . . Of 4,405 reporting themselves employed, 25% were interested in a prospect of changing jobs. . .

Altogether, 42% of the 6,150 returns requested employment information; it was promptly furnished in the form of a 28-page pamphlet (E. E. June, p. 2). (Copy of pamphlet, Jack Kinn)

BOOKS ON SEEKING EMPLOYMENT are listed by title, author, and publisher, in the pamphlet just mentioned.

As a service, some Sections are informing members which of these books are in the local library. Undoubtedly some Sections, in which unemployment is high, will purchase copies to lend members.

NEWS OF TECHNICAL INTEREST

FULL-TIME EDITOR FOR SPECTRUM. The Publications Board (PUB) has concluded that the magnitude and requirements of the job and the importance of Spectrum to the entire Institute require that its Editor be a full-time professional rather than a part-time volunteer. ExecCom in May concurred, and authorized his engagement. The position has not yet been filled.

The man being sought should be "an individual who has both technical and publications experience in the electrical and electronics engineering field. He shall have achieved prominence in our field, preferably both as an engineer and editor." PUB concedes it will be difficult to find a suitable candidate who meets fully the quoted criterion—more difficult, for example, than to find a person with experience as engineer and editor, and prominence as one or the other. (Leads or suggestions, Woody Gannett or Don Fink, for PUB)

The person engaged will be responsible for editorial direction, assessment of reader needs; the procurement, review, selection, and presentation of editorial content; and the supervision of the editorial staff.

DIAL-ACCESS TECHNICAL EDUCATION (DATE) Described in E. E. June '70, p. 3; Oct., pp. 4, 4E; Dec., p. 5, this service attracts many telephone calls daily from members for taped playbacks. The program has the one disadvantage of not being financially self-sustaining, so an attempt



CALENDAR OF APPOINTMENTS AND ELECTIONS

BOARD OF DIRECTORS

Elected by members:

President
Vice President
Junior Past President
Senior Past President
Divisional Directors (6)
Regional Directors (9)

Elected by Annual Assembly:

Vice President - Publication Activities
Vice President - Technical Activities
Secretary
Treasurer
Director, Region 10
Chairman, Awards Board
Chairman, Educational Activities Board
Vice Chairman, Technical Activities Board

BOARD OF DIRECTORS APPOINTMENTS

Awards Board
Conference Board
Educational Activities Board
Executive Committee
Fellow Committee
Intersociety Relations Committee
Life Member Fund Committee
Long Range Planning Committee
Nominations and Appointments Committee
Publications Board
*Regional Activities Board
*Technical Activities Board
Tellers Committee

*See Bylaws

EXECUTIVE COMMITTEE APPOINTMENTS

Admission and Advancement Committee
History Committee
Membership and Transfers Committee

APPOINTMENTS

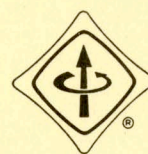
- APRIL Call for recommendations issued to organizational units, inviting submission of names to be considered for appointment to Committees and Boards for the following year. Deadline date for submissions: June 1.
- Incumbent Chairmen of Committees and Boards requested to submit by June 1 recommended slates for the following year. (Candidates for Chairmen to indicate willingness to serve, if appointed.)
- JULY Names of proposed candidates for Chairmen of Committees and Boards submitted to Nominations and Appointments Committee.
- AUGUST Nominations and Appointments Committee to recommend to Board of Directors and Executive Committee appointment of Committee and Board Chairmen for the following year.
- Board of Directors and Executive Committee to appoint Chairmen of Committees and Boards for the next year, these appointments to be formally approved by the next Board of Directors and Executive Committee.
- Proposed Chairmen of next year's Boards and Committees furnished with nominations received, with a request to submit their recommended slates by October 1.
- OCTOBER Recommended slates from proposed Chairmen submitted to Nominations and Appointments Committee.
- NOVEMBER Nominations and Appointments Committee to submit to the Board of Directors and Executive Committee names of candidates recommended for appointment as members of next year's Committees and Boards.
- Board of Directors and Executive Committee to appoint members of Committees and Boards for the next year, these appointments to be formally approved by the next Board of Directors and Executive Committee.

APPOINTMENTS (CONTINUED)

- NOVEMBER (Contd.) Nominations and Appointments Committee to recommend candidates to serve on the Executive Committee for the next year.
- JANUARY New Board of Directors and new Executive Committee to approve all Committee and Board appointments, as recommended in prior year.
- Board of Directors to appoint Executive Committee.
- Nominations and Appointments Committee to recommend candidates for appointment to Conference Board and Nominations and Appointments Committee for term April 1--March 31.
- MARCH Board of Directors to appoint new Nominations and Appointments Committee and Conference Board.

ELECTIONS

- NOVEMBER IEEE Secretary to circularize appropriate organizational units, inviting submission of names to be considered for offices of President and Vice President. Deadline date for submission: February 1.
- JANUARY TAB Staff Secretary, before January 10, to issue call for nominations to Groups and Societies in those Divisions that are to elect Directors.
- FEBRUARY Nominations from organizational units submitted to Nominations and Appointments Committee.
- MARCH Nominations and Appointments Committee to submit to Board of Directors names of proposed candidates for the offices of President and Vice President.
- Board of Directors to approve names of nominees for President and Vice President.
- APRIL Regional Committees to submit to Board of Directors by April 30 names of nominees for Regional Director.
- Groups and Societies in Divisions to submit to Nominations and Appointments Committee by April 30 names of proposed candidates for Divisional Director.
- JUNE List of nominees to be elected by voting members published in June SPECTRUM with announcement of procedures for nomination by petition.
- JULY Deadline date for nominations by petition: twelve o'clock noon on Friday prior to August 1.
- AUGUST Ballots mailed to general voting membership; ballots mailed to voting members in Divisions having elections.
- OCTOBER Nominations and Appointments Committee to recommend candidates for election by annual Assembly.
- NOVEMBER Deadline date for ballots returned by voting members: twelve o'clock noon on first working day following October 31.
- Results of election by voting members reported to the Board of Directors by Tellers Committee.
- Annual Assembly to elect eight Directors, including four Officers.



RECENT NEWS ON AWARDS

New—FREDERIK PHILIPS AWARD "for outstanding accomplishments in the management of research or development resulting in effective innovation in the electrical and electronics industry."

This new award now makes it possible for IEEE to reward creative and effective leaders of research or development efforts—an entirely new field for IEEE Awards.

The Frederik Philips Award is sponsored by N. Y. Philips Gloeilampenfabrieken, Eindhoven, Netherlands—consists of a gold medal, a certificate, and \$1000.

The inaugural award will be made to Frederik J. Philips (just retiring from the Philips Co.) at EUROCON in Lausanne, Switzerland, on Oct. 18-22, 1971, "for fostering management of research and development that has been effective in the creation of numerous new products."

Nominations for 1972 candidates can be made at any time now. Forms will be available from Miss Una B. Lennon at Headquarters.

LIEBMANN AWARD. This famous award, which has now gone to 52 of the industry's greatest, has as a consequence of the "end of decade" review, been given a new scope:

"Contribution to Emerging Technologies," thereby dropping its antiquated description of "Radio and Allied Arts" which has, in fact, been construed as emerging technologies, lately.

The very list of past recipients marks this as one of IEEE's most distinguished AWARDS. Now that the Scope is definitely clarified in Bylaw 305.4, there should be a new consideration of our most eminent contributors to be added to this highly distinguished list.

LAMME MEDAL. At the time of the merger the Lamme Medal scope was enlarged from "electrical machines" to "development of electrical or electronic apparatus or systems."

While some recent medalists have qualified under the enlarged scope, the opportunity of awarding this famous medal (42 past recipients), for equipment and systems developments over all of our vast technology should now be recognized.

— E. L. Harder



Technical Activities Board

IEEE PICKS UP TECHNICAL PROGRAM ORIGINALLY DESIGNED FOR NEC/71

The National Electronics Conference for 1971 (NEC - 71) has been cancelled at McCormick Place, but most of the Technical Program has been retained for presentation at FEC - 71. The IEEE sponsorship is based on the interest and support of Region 4 and the Chicago Section and the following Groups:

Audio and Electroacoustics, Aerospace and Electronic Systems, Antennas and Propagation, Communication Technology, Education, Engineering in Medicine and Biology, Information Theory, Magnetics, Reliability, and Systems, Man, and Cybernetics.

Many of the individuals who were serving NEC - 71 in various capacities related to the technical program have kindly agreed to help with FEC - 71. As EE goes to press, the following FEC - 71 Committee appointments have been made:

Co-chairmen: J. Robert Betten
Department of Electrical Engineering
University of Missouri Rolla
Rolla, Missouri 65401

O. H. Cunningham
Illinois Bell Telephone Company
225 W. Randolph Street
HQ 23 C
Chicago, Illinois 60606

Technical Program Committee: John Kreer, Chairman
Electrical Engineering
Michigan State University
East Lansing, Michigan 48823

J. Fred Peoples
Applied Research Department
Naval Avionics
6000 East 21st
Indianapolis, Indiana 46218

Gene Rennekamp
Collins Radio Company
5225 "C" Avenue N. E.
Cedar Rapids, Iowa 52406

Proceedings Committee: Bob Redonbo, Chairman
Electrical Engineering
University of Wisconsin
Madison, Wisconsin

Finance Committee: Art Leininger, Chairman and Treasurer
Illinois Bell Telephone Company
225 West Randolph Street
HQ 23 D
Chicago, Illinois 60606

Local Arrangements: John Nolan, Chairman
Illinois Bell Telephone Company
225 West Randolph Street
HQ 23 C
Chicago, Illinois 60606

Public Relations: Phil B. Haff, Chairman
Manager, Chicago Area Public Relations
Western Electric
20 North Wacker Drive
Chicago, Illinois 60600

Publicity: Ransom Slayton, Chairman
Teletype Corporation
5555 Touhy Avenue
Skokie, Illinois 60076

Student Activities: Jack Krueger, Chairman
Electrical Engineering
University of North Dakota
Grand Forks, North Dakota

Housing Committee: Lester C. Peach, Chairman
Illinois Institute of Technology
132 Seigel Hall
3301 South Dearborn Street
Chicago, Illinois 60616

Registration Committee: James E. Ricker, Chairman
Illinois Bell Telephone Company
225 West Randolph Street
HQ 11 B
Chicago, Illinois 60606

The dozen or so sessions identified with G-ComTech interests are coordinated and identified as the National Telecommunications Conference - 1971 (NTC - 71) with Warren Foxwell, Wescom, Inc. 5365 Walnut Street, Downers Grove, Illinois 50515, and George Mack serving as Cochairman. Liaison with NTC - 72 is being handled by William Tranter, whose temporary address this summer is NASA Colonnades Apts., 800 NASA Blvd., Apt. 228, Webster, Texas 77598.

The registration fees for FEC - 71 will be the only major source of income and the following schedule has been adopted:

	Advance	At Conference
IEEE Member	18	20
Non-Member	28	30

The above fees include a copy of the FEC - 71 Proceedings, which is estimated at 7 - 8000 pages; the post-FEC - 71 list price will be \$30.

There will be an FEC - 71 luncheon. Tickets may be ordered with the advance registration at \$5.00 each. It may be necessary to charge more at the door.

There will be special arrangements for students, particularly IEEE Student Members. These details are being worked out. Student Branch Counselors will be informed as soon as possible.

Insofar as committee meeting rooms are available, FEC - 71 will be glad to make reservations at the Pick-Congress Hotel. Requests should be sent to Mr. John Nolan, 2500 Roberts Ave., Waukegan, Illinois, 50153, with an information copy to the TAB Office at IEEE headquarters, 345 E. 47th St., New York, New York 10017. Please indicate a first and second choice for dates (also morning, afternoon, and evening), the approximate number of attendees, and specify any special equipment needed (blackboard, projectors, etc.), and any special arrangements for food (coffee, luncheon, etc.).

The FEC - 71 organization is moving ahead very rapidly and the information given above will be incomplete by the time it reaches EE readers. Anyone needing last-minute details should contact the appropriate FEC - 71 Committee member(s).

Right now, correct your calendars to show

FEC - 71 on October 18 - 20
Pick Congress Hotel, Chicago

and plan to attend!

CONFERENCE PUBLICATIONS

In order to improve the handling of conference publications and remove ambiguities, two important changes are being made. They will be effective after a transition period to avoid upsetting conference publications arrangements that already have been completed.

1. IEEE Catalogue Number. The IEEE catalogue number will continue to serve its prior purpose of identification, but it will also be used in the computerization of much of the detailed work at the IEEE headquarters business office. It is extremely important, therefore, that an IEEE catalogue number be placed on all IEEE products and, conversely, we should not assign IEEE catalogue numbers to products that are the responsibility of others. A typical new number might be:

71 CH 0045 - 9 - ED

The first two digits are the date; CH means conference, hard copy, with CM reserved for conference, microfiche; 0045 is the IEEE computer-control number, assigned to the document; -9 is a check digit, to minimize key-punch errors; -ED indicates that the IEEE sponsor was the Electron Devices Group.

2. Pricing. We are adopting a unified system of quoting a single list price for each document, with a discount for IEEE members. The member discount has been set at 25% for most categories of documents, the exception being single issue copies of Transactions for which a first copy is offered to members at a 50% discount. In accordance with the above, a variety of prices and discounts should not be published in conference documents. If any price is published, it should be a list price and it is important that this list price be established after consultation with the sponsors. As a guide, we recommend that the list price be not less than twice all actual direct and indirect costs. The above does not prevent a conference committee from offering the conference publication as part of a package registration or as a single copy sale to be offered at the conference (no packaging and mailing), with prices determined by the conference committee and included in the conference budget.

CONFERENCE MAILINGS

As a result of the reorganization of the U. S. postal system, there may be reinterpretations of old regulations and new regulations may be promulgated. Therefore, each and every conference committee is urged to check any mailing piece with the post office that will handle the mailing before the material is printed, labeled, and sorted for delivery to the post office.

is now being made to market the tapes through libraries. Final evaluation will necessarily have to take into account some plan of self-support. (Information, Jack Kinn)

POLICY ON GROUPS AND SOCIETIES.

Reference was made in Spectrum, June, pp. 6-7, to a Statement of Policy recently approved by the Technical Activities Board (TAB). The tentative text was printed in E.E. Apr., p. 4C. No change was made in adoption other than to drop the date-signature notation at the end.

IEEE CONFERENCE BOARD. Personnel and assignments for 1972 Intercon were given in E.E. Feb. '71, p. 3. The name of W. G. Shepherd, in substitution for R. Adler, has been authorized by BofD.

INTERCON '72. Technical sessions for the Convention next March 20-23 are taking shape under chairman Jatlow (E. E. June, pp. 3-4). The Highlight evening session will deal with phases of engineering in sociology and the ecology. . . By June 24 greater Group/Society participation than hitherto had been achieved in planning a full, balanced complement of technical sessions. . . Session organizers have been appointed. . . More emphasis will be placed throughout on obtaining an increased proportion of non-U. S. speakers.

Building on the success of the Ohio State University display in 1971, the entire 4th floor of the Coliseum, in addition to accommodating the film theaters, will be given over to technical-application and management (TAM) sessions plus science and research demonstrations and displays provided by academic, industrial, and government sources. Learn-by-feeling, added to learn-by-seeing, is the objective to derive maximal educational benefit from physical contact with electrical/electronic gear. (Suggestions, Howard Schumacher)

While all technical papers presented will have been invited by session organizers, a member may offer a 75-100-word abstract of a paper to J. F. Jatlow at IEEE for consideration while the program is still in its formative stage.

The new exhibits prospectus is now available from the Convention Department.

. . . Anyone knowing of a company interested in exhibiting should make contact with the exposition manager, Joe Doblmeier, as soon as possible.

REGION AND SECTION NEWS

THE QUEST FOR PERFECTION in IEEE never ends. Region 3 has been selected to conduct two pilot studies, the results of which may commend extension to other Regions. Trial of the Regional "Area" concept was traced in E.E. Apr. '70, p. 3, and June, p. 5; and success reported in Feb. '71, p. 6.

Currently IEEE's services, in a broad spectrum, are being evaluated in selected Sections of Region 3 in cooperation with the Policy & Planning Committee of the Regional Activities Board (RAB). A 4-page check-type questionnaire is probing members' opinion of the IEEE as it is today. "We are interested in finding out what present activities or practices you feel are satisfactory so that we can continue or expand them. . . You can tell us what you would like changed."

A few personal-category data are asked for, so that results may be classified in a revelatory way. In many respects this probe goes deeper than the attitude survey conducted for BofD in 1967 by Opinion Research. (See E.E. June '67, p. 5; Dec. '68, p. 4; Spectrum, Dec. '68, pp. 37-38.)

A high, 35% return of questionnaires attests to member interest in the present inquiry. In due time, E.E. or Spectrum will report on results.

PROBATIONARY STATUS FOR SECTION INACTIVITY. Bylaw 402.3 provides probationary status for Sections which fail to hold five technical meetings a year. Exec-Com has recommended that the Bylaw be held temporarily in abeyance and reviewed in the case of special circumstances arising in Regions 8, 9, 10.

SECTION OFFICERS' INDOCTRINATION. An elaborate 2-day Section Workshop and an IEEE Forum will be held in connection with Wescon, Aug. 23-24, at San Francisco, under auspices of RAB's Members' Services Committee. IEEE has no better

ON "GOING METRIC." The hardihood of the British people in "going decimal" in their currency lends wallop to the announcement of the United Kingdom, Canada, and Australia of their intent to throw to the winds the inch, foot, mile, and pound-avoirdupois. Bureau of Standards is determining the practicability of following suit in the United States.

In a foreword to new Standard 322-1971: "IEEE Recommended Practice: Rules for the use of the International System of Units," (SI), the statement appears: "The question seems no longer to be 'whether' but rather 'when' and 'how.'"

Your next ticket may be for doing 26m/s in a 45-MPH zone.

Std 322-1971 brings the metric system (based on meter, kilogram, second, ampere, kelvin, and candela, plus supplementary and derived units) up to the minute; and warrants highhatting one's old college text. (Information, orders, Sava Sherr)

ADD FEEDBACK. In E. E. June, p. 1, we described as "stentorian" the voice of a distinguished historian who asserted that technology for its own sake is today tormenting human nature to revolt. A reader (R. H. Williams, II—only the name has been changed to protect the innocent) suggests "stercoraceous."

OFF-BEAT CAMERA ANGLE. Ever since Y^e Ed. snapped Half Dome upside down in Mirror Lake at Yosemite, a streak of Freudian perversity has led to a recurrent dream—of an IEEE organization chart in which the active members, in a lofty tier of Sections, mill around at the top; while a busy Board of Directors, sweating it out like Atlas, is spotted eche-lons below, in an apex at the bottom.

Imagine, then, the sublimation of Y^e Ed's id upon beholding in Spectrum for July, p. 8, the transmogrification of his disordered fantasy, in an engraving, q. v., attributed to presidential-nominee R. H. Tanner. Can one psyche haunt another psyche?

WELCOME ABOARD!

All new officers and officials in the Sections.

New Section - Yugoslav Section, with territory to encompass the country of Yugoslavia, in Region 8.

New Group Chapters in Sections:

Denver Section: Joint Chapter of Information Theory Group and Computer Society.

Winnipeg Section: Power Engineering Society Chapter.

Rejuvenated Chapters:

Connecticut Section: Joint Computer Society/Systems, Man & Cybernetics Group Chapter.

Phoenix Section: Joint Information Theory Group/Communication Technology Group/Computer Society/Control Systems Society Chapter.

Tulsa Section: Joint Circuit Theory Group/Geoscience Electronics Group/Computer Society Chapter.

Staff: J. Dudley ("Dud") Broderick, Marketing Manager for all IEEE publications and products. He comes to us from Doubleday and will function on Bill Hilty's staff.

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