

NEWSBRIEFS

The Institute of Electrical and Electronic Engineers, Inc. • 345 East 47th Street, New York, New York, 10017

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News Coordinator: Audrey R. Bickel

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A newsletter designed to provide up-to-date, concise coverage of events of most importance to the active TAB volunteer.

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A MESSAGE FROM THE STAFF DIRECTOR OF TECHNICAL ACTIVITIES

INFORMATION DISSEMINATION & FINANCIAL VIABILITY

In the business world, IEEE is classified as a publisher of over 100,000 pages each year. Our silent partners in this effort are the libraries throughout the world who subscribe to our publications.

The availability of IEEE publications in libraries bolsters the process of information dissemination on a massive scale while strengthening our financial viability. Vice President Hogan has asked us to make a concerted promotional effort in this regard. The Institute's Marketing department is assisting by designing direct mail brochures and Technical Activities is currently analyzing the Technical Interest Profiles (TIP) of our customers to identify target groups. Another new idea still in the planning stages is the creation of a customer advisory panel consisting of both member and non-member subscribers. We are undertaking these steps in light of the substantial increase in the sale of conference records by similar promotional methods and will continue to keep you informed on our progress throughout the coming months.

EXECUTIVE SUMMARY OF KEY ISSUES FOR THE FEBRUARY 1979 MEETINGS

The following summary reviews key issues on the TAB OpCom/TAB Agendas for the February meetings. For your copy of the Agendas, check Reference #14 on the TAB Response Card.

ACTION ITEMS:

- 1) 1979 G/S/C Budget. The final version of the 1979 G/S/C budget incorporating the changes communicated to us will be available at the meeting. Additionally, two new comparative reports will be available.
- 2) Revision of Bylaw 305.1 - Composition of Awards Board. While TAB has endorsed a revision to the Bylaw in order to allow seating the Chairmen of the Awards and Recognition Committees of RAB, TAB, and USAB on the Awards Board, further revision specifying voting privileges of these representatives has been requested by ExecCom.

- 3) SME Position Paper on "The National Role and Importance of Manufacturing in Engineering and Advanced Manufacturing Technology". The proposed position paper by the Society of Manufacturing Engineers recommends improvement of productivity through advanced manufacturing technology. They seek IEEE endorsement and the Executive Committee has requested TAB input. The knowledgeable Society officers recommend endorsement of the basic paper without the enclosures.
- 4) National Systems Center. A Blue Ribbon Committee of systems scientists and engineers proposes the creation of a non-profit center for multidisciplinary systems research. The Chairman of the Committee, Prof. Mike Athens, presented a paper on the subject at the Control and Decision Conference held in January 1979. Director Larson may report on the discussion at the Conference.
- 5) Engineering Societies Commission on Energy ESCOE - Proposed Amendment. Director Larson proposes that IEEE representatives work towards changing ESCOE's operation so as to allow much greater volunteer involvement.
- 6) CSIT Position Paper on the Application of Systems Engineering to Societal Problems. The Committee on Social Implications of Technology published in its newsletter of June 1977, a position paper announcing the applicability of Systems Engineering as a technique having great potential benefit in solving societal problems. The committee requests IEEE endorsement as a position paper.
- 7) Committee on Health Care Policy. Proposed is an IEEE Committee on Health Care Policy to address the technologies related to health care, to bear on U. S. National Health Care Delivery Policy issues. This proposal and the proposed Charter for the committee were brought to TAB OpCom by Director Gowen at the December 1978 meeting, and were endorsed.

DISCUSSION ITEMS:

- 1) Open discussion of Objectives, Goals, and Plans for 1979. This being the first meeting in 1979, we need to formulate our goals and objectives for the year. All members of TAB are requested to give serious thought to this important subject before the meeting.
- 2) Recommended New Field Awards Program for the Institute. Feedback from the Societies on the questionnaire will be summarized. Future course of action needs to be decided.
- 3) TAB Search Committee Charter. A draft charter will be available at the meeting.

- 4) Possible New Committee on Ionizing Radiation. Currently, there is no single entity within IEEE addressing the issues of ionizing radiation. Discussion examining the formation of such a committee is expected.

TAB OPCOM/TAB NEWS

TAB APPOINTMENTS

Vice President Hogan has made the following appointments in TAB:

- L. K. Anderson — Chairman, TAB Operations Committees Administration
- J. E. Barkle — TAB liaison representative to RAB and RAB liaison representative to TAB
- Thelma Estrin — TAB OpCom liaison representative to PUB
- F. A. Furfari — TAB liaison representative to USAB
- R. E. Larson — TAB liaison representative to USAB, and USAB OpCom
- R. E. Merwin — TAB liaison representative to USAB
- Mischa Schwartz — TAB liaison representative to EAB
- G. P. Rodrigue — Chairman of TAB Technology Committees Administration
- S. S. Yau — Chairman of TAB Development Committees Administration
- C. J. Tunis — Chairman of TAB Finance Committee Administration
- D. Hartmann — Chairman of TAB Finance of TAB Meetings Committee

POLICY 14: POSITION PAPERS.

The Computer Society Executive Committee has endorsed the BoD version of Policy 14 on Position Papers. While TAB approved a similar version at its December meeting, it is requested that any Society President who has any concerns contact Neil D. Pundit immediately.

MORE HIGHLIGHTS FROM THE BOARD OF DIRECTORS MEETING, DECEMBER 10-11, 1978

APPOINTMENT OF AD HOC COMMITTEE ON IEEE CERTIFICATION.

At its December 10-11, 1978 meeting, the Board of Directors adopted a Resolution calling for establishment of an Ad Hoc Committee on IEEE Certification to undertake a study to determine the possibility of developing IEEE certification procedures, with the results of this study to be submitted to the Board of Directors within one year. The Executive Committee was delegated responsibility for making appointments to this Committee. Dr. William Spencer, SSCC President, will chair the Committee.

AD HOC COMMITTEE ON INTERNATIONAL ACTIVITIES

The Board of Directors, at its December 10-11, 1978 meeting, requested the President to appoint an Ad Hoc Committee on International Activities responsible for reviewing the transnational needs of the Institute.

President Suran reported on the following appointments to this Ad Hoc Committee:

- Leo Young, Chairman — Executive Vice President
- J. E. Barkle — Division VII Director
- S. Y. King — Region 10 Director
- D. C. J. Poortvliet — Region 8 Director
- P. A. E. Rusche — Region 4 Director

FROM THE SOCIETIES/GROUPS/COUNCILS

POWER ENGINEERING SOCIETY

PES Proposal to USAB

The Power Engineering Society has sent a formal proposal to USAB for a project entitled, "Government Activities - U. S." The proposal is broadly for the technical support for USAB functions by PES. The project is to be administered by the Public Affairs Department (headed by Bruce Maslan) of PES. The objective of the Department is as follows:

"Within the framework of USAB's operations, establish a strong communications link with government, the public, and the media. Develop programs that will facilitate position statements, expert testimony, and consultation on engineering and technology to contribute to USAB activities in the energy field. Stimulate engineers to become involved in government and societal affairs."

The proposal requests \$41K for 1979, and \$43.5K for 1980. The Public Affairs Department is proposing to develop for USAB a model program that can be transplanted as a whole or in part to other Societies.

Division VII Director Barkle in his forwarding letter states, "that the proposed activities are intended to make available the expertise of the PES to different entities of the United States government and to inform our U. S. members of current government activities that could affect their professional conduct. The PES considers these proposed activities to be highly appropriate and useful to the interests of our members and worthy, therefore, of support of the U. S. Activities Board through funds obtained from the Regional assessment of U. S. members."

NEW S/G/C PRESIDENTS

A listing of the new 1979 S/G/C Presidents is now available from Headquarters.

(REF.# 15)

INFORMATION LINE

NEW MANAGER FOR TAB COMMITTEES

Irving Engelson (SM), formerly Professor and Associate Dean of the College of Engineering and Technology at the University of Nebraska at Omaha and previously Associate Professor of Electrical Engineering and Assistant Dean at the New Jersey Institute of Technology, has been appointed Manager of TAB Committees and Special Projects in the Technical Activities Department. In this position, Dr. Engelson is responsible for strengthening the technical support in general, and for coordinating the activities of most of the 14 TAB Committees. He will also work with the Society officers on their financial operations, and undertake special technical projects. Dr. Engelson assumed these responsibilities as of December 28, 1978.

NEW CONFERENCE FORMS

Conference Activities, has completed its revisions of the four basic information source documents that are used to communicate information about administrative, budgetary and publication matters from Technical Conference Organizers to IEEE Headquarters. The forms which have been redesigned are entitled as follows:

- 1) IEEE Master Conference Schedule Information Request Form
- 2) (a) Financial Report for IEEE Sponsored or Cosponsored Conferences (for use in submitting Preliminary Budgets, Interim Budgets, and/or Final Financial Reports)
- (b) IEEE Conference Financial Report Detail Worksheet
- 3) Confirmation of Arrangements for Handling Conference Publications

The forms have been redesigned to ensure that all pertinent data on Group, Society, Council or Regional sponsored or cosponsored meetings is clearly communicated by the appropriate conference organizers to Conference Activities, with the minimum amount of detail and paperwork. It is expected that the newly designed forms will be ready about mid-February and therefore Conference Activities will defer sending out any forms to the organizers of 1980 Conferences until these new forms are available.

ANNUAL INVENTORY REDUCTION

S/G/Cs will shortly be notified (in a future issue of NEWSBRIEFS) of the quantity of publications in inventory which should be reduced so as to avoid unnecessary warehouse charges. You will have the option of advising us if you want those publications sent somewhere else or the manner of their disposal. You might consider making these publications available as promotional material at conferences.

TAB FINANCE REPORT

The 1979 G/S/C Final Budget will include a summary and introduce two management reports which show the comparison of the 1978 actual vs the 1979 budget in the amount of the difference and in the percentage difference. These new reports show income under 6 major categories and expense under 5 major categories. The definitions of the categories will be included. An analysis of surplus and reserves will also be included.

(REF.# 16)

Our objective is to provide you with the necessary information in as concise a format as possible. Of course, the detailed financial statements will continue to be available. Please let us have your comments on the new reports.

PUBLICATION NEWS

IEEE PRESS

Details on how to propose the publication of an IEEE PRESS book are now available as well as the IEEE PRESS financial report for the period ended June 30, 1978.

(REF.# 17)

EXTERNAL INTERFACE

UNITED ENGINEERING TRUSTEES

The Annual Report of the United Engineering Trustees has just been issued and provides a detailed review of UET's activities in 1978. Copies are available by writing to United Engineering Trustees, 345 East 47th Street, New York, NY 10017.

SPECIAL MAGAZINE FOR VOLUNTEER OFFICERS

A special issue of the American Society of Association Executives entitled "Leadership: A Publication for the Effective Association Volunteer" contains several excellent articles on the role of volunteer officers. To obtain a copy, write to the ASAE at 1101 16th Street, N.W., Washington, D.C. 20036 or call (202) 659-3333.

ESCOE

The Engineering Societies Commission on Energy (ESCOE) will conduct a technical program review meeting for representatives from the Founder Societies. The meeting has been scheduled for Tuesday, March 20, 1979, at the Hyatt Regency, Washington, D.C. If you are interested in attending, contact Audrey Bickel at (212) 644-2123.

The newly-elected officers of the 1979 ESCOE Board of Directors are:

- E.C. Miller (ASME)
- H.U. Brown, III (IEEE)
- J.Y. Oldshue (AIChE)
- W.L. Dowdey (AIME)
- W.E. Blessey (ASCE)

Ex Officio Members

- W.B. Moen (ASME)
- N.D. Pundit (IEEE)
- J.C. Forman (AIChE)
- J.B. Alford (AIME)
- E. Zwoyer (ASCE)

1979 TECHNICAL ACTIVITIES ADMINISTRATIVE MEETINGS CALENDAR

The following calendar is a chronological compilation of information received at IEEE Headquarters on forthcoming S/G/C Ad Com and TAB Committee meetings, as well as all Board and IEEE Senior Staff meetings. If no contact is indicated, please refer to your TAB Roster for the name of the S/G/C President or Committee Chairman presiding at a specific event. The asterisk (*) denotes that Neil D. Pundit (or TAB Staff) plans to attend the meeting.

Date/Time	Meeting	Location	Contact
* February 1 10:00 a.m.	TAB Meetings Committee	IEEE Headquarters New York, NY	Richard Jerril (212) 644-7895
* February 6	Electrical Insulation Society AdCom	IEEE Headquarters New York, NY	
* February 6 9:00 a.m.	Energy Committee	IEEE Headquarters New York, NY	
* February 7	Power Engineering Society Council Meeting	Statler Hilton Hotel New York, NY	
February 7	Aerospace and Electronic Systems in conjunction with WINCON	Los Angeles, CA	
* February 8	Power Engineering Society AdCom Meeting	Statler Hilton Hotel New York, NY	
* February 8 9:30 a.m.	Publications Board Meeting	IEEE Headquarters New York, NY	
* February 13 1 p.m.	Solid State Circuits Council	Sheraton Hotel Philadelphia, PA	
* February 13 6 p.m.	Electron Devices in conjunction with IEEE International SSC Conf.	Sheraton Hotel Philadelphia, PA	
* February 14 1:00 p.m. to 5 p.m. 8 p.m. to 11 p.m.	Education AdCom Meeting	Sheraton Atlanta Hotel Atlanta, GA	

The following meetings have been scheduled in conjunction with the IEEE Board of Directors meetings at the Peachtree Plaza Hotel, Peachtree at International Boulevard, Atlanta, GA 30343 (404/659-1400).

February 14	Long Range Planning Committee	9:00 a.m. - 5:00 p.m.	
	USAB	9:00 a.m. - 5:00 p.m.	Jack Kinn (202) 785-0017
	* TAB Hospitality Suite	6:00 p.m. - 9:00 p.m.	Stephanie Lewis (212) 644-2122
February 15	IEEE Orientation for S/G Officers	8:00 a.m. - 5:00 p.m.	Neil Pundit (212) 644-7890
	* TAB OpCom	10:00 a.m. - 5:30 p.m.	Stephanie Lewis (212) 644-2122
	* TAB Dinner Meeting	6:30 p.m. - 10:00 p.m.	Stephanie Lewis
	RAB Dinner Meeting	6:30 p.m. - 10:00 p.m.	Ruth Tabak (212) 644-7755
February 16	RAB Breakfast & Meeting	7:30 a.m. - 2:30 p.m.	Ruth Tabak
	* TAB	8:30 a.m. - 5:30 p.m.	Stephanie Lewis
	EAB - tentative	8:30 a.m. - 5:30 p.m.	
	Executive Committee Dinner Mtg.	6:00 p.m. - 10:00 p.m.	Limited to members and invitees
	* Engineering Management Seminar	6:00 p.m. -	Edward Wolff (301) 982-2496

February 17	Foundation Board of Directors	7:30 a.m. - 8:30 a.m.	
	Executive Committee	8:30 a.m. - 5:30 p.m.	Limited to members and invitees
	Audit Committee	9:00 a.m. - 5:00 p.m.	
	* Management Training Seminar	All Day	Edward Wolff (301) 982-2496
February 18	* Board of Directors	9:00 a.m. - 5:00 p.m.	
	* Board Reception/Dinner	6:30 p.m. - 10:30 p.m.	
February 19	* Board of Directors	9:00 a.m. - 5:00 p.m.	
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* February 20	Sonics and Ultrasonics	Chicago O'Hare Hotel Chicago, IL	
* February 23 10:00 a.m.	Professional Communications	IEEE Headquarters New York, NY	
* March	Communications (Tentative)	IEEE Headquarters New York, NY	
March 1 8:00 a.m.	Consumer Electronics	Ramada O'Hare Inn Des Plaines, IL	
* March 2 10:00 a.m.	Computer Society Governing Board Meeting (COMPCON Spring'79)	Jack Tar Hotel San Francisco, CA	
* March 3 10:00 a.m.	Committee on Social Implications of Technology (CSIT)	Columbia University New York, NY	
* March 9 10:00 a.m.	TAB Awards & Recognition Committee	IEEE Headquarters East Board Room, New York City	
* March 14 10:00 a.m.	Joint Telecommunications Advisory Committee (JTAC)	IEEE Washington Office	
* March 20 10:30 a.m.	Environmental Quality Committee (EQC)	Crystal City Marriott Arlington, VA	
* March 27	Broadcasting - in conjunction with the NAB Meeting	Dallas, TX	
March 27	Industry Applications	IEEE Headquarters New York, NY	
March 27	Vehicular Technology	Arlington Park Hilton Arlington Heights, IL	
April 3	Power Engineering Society	World Congress Center Atlanta, GA	
* April 5	Acoustics, Speech and Signal Processing Society	International Hotel Washington, DC	
April 12	Reliability (Tentative)	Crystal City Marriott Washington, DC	
* April 24	Instrumentation and Measure- ment - in conjunction with ELECTRO	New York, NY	
* April 24	Engineering Management - in conjunction with ELECTRO	Americana Hotel New York, NY	
* April 24	Geoscience - in conjunction with ELECTRO	New York, NY	
* April 29	Microwave Theory and Techniques	Orlando, FL	
* April 30- May 3	Oceanic Engineering - in con- junction with Offshore Tech- nology Conference	Houston, TX	

May 1-3	USAB/TAB Conference on Technological Policy Issues	Sheraton National Motor Hotel, Arlington, VA
May	Circuits & Systems- day of Midwest Circuit Symposium	Caesars Palace Las Vegas, NV
May 17	Sytems, Man & Cybernetics	Chicago, IL
May 24	Engineering in Medicine and Biology	Caesars Palace Las Vegas, NV
June 16	Industry Applications	Denver, CO
June 19-22	Antennas & Propagation (Tentative)	University of Washington Seattle, WA
July 19 2:00 p.m.	Power Engineering Society Council Meeting	Hotel Vancouver Vancouver, B.C.
July 19 9:00 a.m.	Power Engineering Society	Hotel Vancouver Vancouver, B.C.
September 25 6:00 p.m.	Sonics & Ultrasonics	Monteleone, New Orleans
October 3	Industry Applications	Cleveland Bond Court Hotel
December 5	Industry Applications	Cincinnati Stouffers Inn
December	Power Engineering Society	

TAB RESPONSE CARD

JANUARY/FEBRUARY 1979

Please complete the response card below if you wish to obtain copies of action/information correspondence reviewed in this issue of "Newsbriefs". Each news item has been coded with a corresponding reference number. Simply check the column marked "Send Copy". If you feel that the correspondence would be of interest to a wider distribution than originally cited, check the column marked "Send to Distribution" and indicate to whom the mailings should go. Your technical entity will be charged for any bulk mailings. The distribution key below will tell you who receives a specific document. The numbers in parentheses denote the approximate size of the distribution.

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