

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENCY

9-2-80

1. Minutes Approval
2. Treasurer's Report Mannie Connell
3. Society Chapter Reports:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Deen Khandelwal
 - e. MIT Carl Schunemann
 - f. Power Engrg. & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
4. Standing Committee Reports:
 - a. Programs Herb Towle
 - b. Membership Development Mannie Connell
 - c. Publicity Dave George
 - d. Facilities & Arrangements
 - e. Publications Charles Curley
 Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
 - g. IEEE-FES Liaison Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities Ben Patz
 - j. Finance Committee Mannie Connell
5. Special Committee Reports:
 - a. Barbeque Clark Hay
 - b. Southcon Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
6. Unfinished Business
 - Meeting Location Don Mendorf
 - Election of Chapter Chairmen's Representative
 - 1980-81 Budget Approval
7. New Business
 - By-Laws Update
8. Chairman's Report George McClure
9. Adjournment

PE&IA CHAPTER REPORT

The talk originally scheduled for September has been rescheduled to 21 October. The speaker is Mr. Harris, of Energy Control Unlimited, who will describe the ECU used for hot water recovery from air conditioning systems. The units are manufactured in Longwood.

-Geof. Dick 9/2/80

SOUTHCON REPORT

Planning for SOUTHCON'81 in Atlanta continues on schedule. All exhibit space has been sold out for two months, with approximately 470 booths sold.

The location in Orlando for SOUTHCON'82 is still not settled, with the Convention Center not to be completed in time for the dates that have been agreed to (19-21 January 1982). Because of the need to have all the exhibits together, two alternatives are to use Exposition Park with an additional tent in the parking lot to handle the exhibits, with technical sessions at the Howard Johnson's nearby. An alternative would be to use a big tent in the Sheraton Twin Towers parking lot for the exhibits, with the technical sessions in the hotel there.

-Dr. Bruce Mathews 9/2/80

REVISED
PROPOSED BUDGET
ORLANDO SECTION IEEE

July 1980-June 1981

EXPENSES

A.	Section Notes			
	Printing (\$160 x 11)	1760		
	Labels	155		
	Mailing	270	\$2185	\$ _____
B.	Chapters			
	1. AES		50	\$ _____
	2. Communications		150	\$ _____
	3. Computer Soc.		200	\$ _____
	4. PE & IA		100	\$ _____
	5. Microwave Th. & Tech.		150	\$ _____
	6. Vehicular Technology		50	\$ _____
	7. Electron Devices		50	\$ _____
C.	Student Activities		200	\$ _____
D.	Professional Activities		150	\$ _____
E.	Group Assessments			
	1. FES-IEEE Engineers' Week		35	\$ _____
	2. FCIEEE		360	\$ _____
F.	Awards		200	\$ _____
G.	Annual Barbeque		100	\$ _____
H.	Engineers' Week Banquet		175	\$ _____
I.	June Banquet (Fellows' dinners + Speaker)		200	\$ _____
J.	Executive Committee Meeting		110	\$ _____
K.	First Society Memberships for new members		200	\$ _____
L.	Miscellaneous		<u>270</u>	\$ _____
	TOTAL EXPENSES		\$ 4935	\$ _____

INCOME

IEEE Rebate*	1885	\$	<u> </u>
Computer Tutorials	1500	\$	<u> </u>
Orlando Section Notes Advertising	1200	\$	<u> </u>
Interest	<u>350</u>	\$	<u> </u>
	TOTAL	\$	<u>4935</u>

* Rebate assumptions:

Basic allowance		\$	200
Member rebate, \$1.50 x 750			1125
Chapter member rebate \$0.70 x 900			630
New members credit \$6.00 x 20			120
Lost Members debit \$1.00 x 30			(30)
Meetings credit \$20.00 x 24			<u>480</u>
		\$	<u>2525</u>
Less Expenses for Hq Services			<u>640</u>
		\$	1885

EXECUTIVE COMMITTEE NOTES - 9/2/80

1. Orlando Section membership as of 7/31/80 was 756, up from 694 a year ago. This increase of 62 members represents an 8.93% annual growth rate. A note of welcome from the section should be sent to members new to the area, advising them of section activities, and inviting their participation.
2. The IEEE Field Services Department has relocated to the IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. Office hours are 8:00 AM to 4:00 PM, Monday through Friday. The telephone number is (201) 981-0060. For Section, Chapter, and Student Branch services contact Mark Lucas, Ext. 216. Inquiries on member services, subscriptions, insurance, and Avis car rental discounts should go to Peggy Kovacs, Ext. 131.
3. A Call for Papers has been received for the Computers in Education Division Program at the annual conference of the American Society for Engineering Education, to be held in June 1981 in Los Angeles. Papers or summaries are due by December 1, 1980.
4. A Call for Papers has been received for SOUTHEASTCON '81, to be held April 5-8, 1981 at Huntsville, AL. A 100-word abstract for proposed papers is due by October 1 to Prof. N. A. Kheir, Dept. of EE, U. of Alabama in Huntsville, R1 Bldg., Box 206, Huntsville, AL 35899. Telephone (205) 895-6380.
5. A 2-day Microprocessor Seminar sponsored by the Daytona Beach Section and the Educational Activities Board, will be held at the Treasure Island Inn, 2025 South Atlantic Avenue, Daytona Beach Shores, Florida, on October 17-18, 1980. Registration is \$165 for IEEE members, \$205 for non-members; lunches are \$6.00 per day. Payment may be made through a bank charge card and sent to IEEE Service Center, Cash Processing Supervisor, 445 Hoes Lane, Piscataway, NJ 08854.
6. The next meeting of the Florida Council of IEEE is scheduled October 25, 9:00 AM, at the Sheraton International Airport Inn, Orlando. A Master Calendar change.
7. An analysis was made of section membership mailing addresses by zip code, in an attempt to determine what meeting locations would be most convenient, all other things being equal. The summary is attached. Somewhat more than half the membership receives mail north of Colonial Drive.
8. There will be a company-oriented publicity mailing to promote attendance at SOUTHCON'81 in Atlanta next year. A mailing list is being prepared to cover all companies employing 5 or more engineers, for the areas covered by each section in Region 3. For the Orlando section, we need a list of contacts, one per company, to receive and coordinate the use of this promotional material. Phone in names and mailing addresses of willing volunteers to George McClure. Tom McDugald of the Atlanta Section is coordinating all the mailing activities for this SOUTHCON promotion. He will also send monthly publicity releases to newsletter editors.

Tom McDugald
Southern Bell, Room 248
P.O. Box 100051
Atlanta, GA 30348
(404) 391-5175
9. The next meeting of the IEEE TAB Committee on Energy is scheduled in Washington on September 10. George McClure will attend as a committee member representing the Professional Communications Society.

ZIPCODE IEEE ORLANDO SECTION DISTRIBUTION, June 1980

32701	Altamonte Springs	58	32802	Orlando	9
32703	Apopka	7	32803	Orlando (northeast)	22
32707	Casselberry	14	32804	Orlando (College Pk.)	18
32711	Clermont	6	32805	Orlando (southwest)	18
32730	Fern Park	9	32806	Orlando (south)	63
32741	Kissimmee	13	32807	Orlando (east)	45
32746	Lake Mary	3	32808	Orlando (west)	25
32748	Leesburg	8	32809	Orlando (southwest)	47
32750	Longwood	60	32810	Orlando (west)	5
32751	Maitland	38	32811	Orlando/Bay Hills	22
32761	Ocoee	1	32812	Orlando/McCoy area	4
32765	Oviedo	10	32813	Navy Training Ctr/NTEC	2
32766	Chuluota	1	32816	Orlando (UCF)	9
32769	St. Cloud	3	32817	Orlando (east)	11
32771	Sanford	14	32830	Lake Buena Vista	4
32786	Windermere	5	32854	Orlando (box)	2
32787	Winter Garden	3	32855	Orlando (box-MMC)	2
32789	Winter Park	29	32856	Orlando (box)	2
32790	Winter Park (boxes)	4	32858	Orlando (box)	1
32792	Winter Park	35	32859	Orlando (box)	5
32793	Winter Park (boxes)	2			
32798	Zellwood	2	Misc. out-of-town		18

Dean K. Frederick, Vice Chairman, Programs, CoED, ASEE
Control Theory and Systems Program
Corporate Research and Development Center
General Electric Company
1 River Road
Schenectady, New York 12345

CALL FOR PAPERS

Computer-related papers are solicited for presentation in the Computers in Education Division Program at the Annual Conference of the American Society for Engineering Education, to be held June 21-25, 1981 at the University of Southern California, Los Angeles, California.

Papers may relate to the application of any type of computer (mini, micro, analog, digital, or hybrid) in engineering practice or education. Philosophical papers dealing with computers in engineering education are also solicited. Papers should be suitable for a 15-20 minute presentation. Selected papers may be published in the Proceedings of the Annual Conference and/or in the Transactions of the Computers in Education Division of ASEE.

Full papers or 300-500 word summaries (3 copies) should be received by December 1, 1980. Send to:

Dean K. Frederick
Control Theory and Systems Program
Corporate Research and Development Center
General Electric Company
1 River Road
Schenectady, New York 12345

Non-computer-related papers and inquiries on attendance and general conference information should be addressed to:

American Society for Engineering Education
Suite 400, One DuPont Circle
Washington, DC 20036

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE
EXECUTIVE BOARD

8/5/80

		<u>Business</u>		<u>Home</u>
Chairman	George F. McClure	352-3782,	-3220	647-5092
Vice Chairman	Benjamin W. Patz (NTEC:646-5464)	275-2816,	-2786	855-3685
Secretary	David Flinchbaugh (Ms: 851-0420)412/	273-3073		859-4855
Treasurer	Mannie Connell	671-0470		273-8588

STANDING COMMITTEE CHAIRMEN

Junior Past Chairman	Ernest E. Erickson	275-2310,	-2786	365-5560
Senior Past Chairman	Russell E. Theisen	352-3177		671-4139
Programs	Herb Towle	275-2610,	-2786	671-0265
Membership & Development				
Publicity	David George	859-5120		644-1009
Facilities & Arrangements				
Publications	Charles R. Curley	352-3839,	-3750	351-1328
Awards	William C. Cram			647-4123
FES Liaison	Richard C. Harden	855-0881		855-5775
Prof. Act. Committee	T. E. (Ed) Ellis	339-1600		834-3319
Student Act. Committee	Benjamin W. Patz	275-2816		855-3685
Education	Fred O. Simons	275-2786		678-1796

SPECIAL COMMITTEES

Nominations				
Elections				
Constitution & Bylaws				
Barbeque	Clark M. Hay	339-1600		677-0246
Southcon	Bruce E. Mathews	275-2156		645-0549
Advertising Manager	William A. Kownacki	843-8484		365-5818
Fla. Council Rep.				
Historian	Russell E. Theisen	352-3177		671-4139

SOCIETY CHAPTER OFFICERS

AES	Chmn.	Everett Hales		644-3770
	V. Chmn			
	Secy.			
Comm.	Chmn.	Don Mendorf	339-1600	869-7435
	V. Chmn.	Bob Amend (Sanford)	322-9060	834-4379
	Secy.	George B. Taack, Jr.	339-1600	321-0319
Computer-	Chmn.	Joe Massett	352-4014	834-3448
	Pgm. V. Chmn.	Bill Towles	352-4779	876-2447
	Mbr. V. Chmn.	Gerry White	646-4437	678-3621
	Secy.	George Kirby	273-2351	862-9892
PE & IA-	Chmn.	Geoffrey E. Dick	352-4427,	-3158 678-0979
	V. Chmn.	Joseph R. Miller	646-8233	644-7049
	Secy.	Roger D. Bowman	646-8222	275-7208
MicThTec-	Chmn.	Carl F. Schunemann	352-4366	647-4992
	V. Chmn.	Al Fowler (St. Cloud)	892-4776	
	Secy.			
Student Br.	Chmn	Gerry Becker		677-7621
	V. Chmn.	Michael Robitaille (Kissimmee)		847-0909
	Recordg. Secy.	Cecilia Goff		644-4832
	Corresp. Secy.	Sam Richie		275-9416
	Treas.	Ms. Terry Rowan		365-6730
Stu. Cmptr.-	Chmn.	Tom Toor		282-6359
	V. Chmn.	Alfredo Ruiz		275-7481
	Secy./Treas.	Patty Wilburn		
Electron Devices-	Chmn.	Deen Khandelwal	352-2483	277-5959

MAILING LIST FOR IEEE EXECUTIVE COMMITTEE

8/19/80

Robert N. Amend
2021 Collier Dr.
Fern Park, FL 32730

Gerald L. Becker
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Orlando, FL 32817

Roger D. Bowman
3967 Spoonbill Ave.
Orlando, FL 32807

Mannie R. Connell
5136 Nadine Street
Orlando, FL 32807

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Winter Park, FL 32789

Charles R. Curley
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Orlando, FL 32811

Geoffrey E. Dick
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Winter Park, FL 32792

Dr. E. E. Erickson
UCF- College of Engineering
P.O. Box 25000
Orlando, FL 32816

Dr. David E. Flinchbaugh
4855 Big Oaks Ln.
Orlando, FL 32806

Al Fowler
705 Ponderosa Dr.
St. Cloud, FL 32769

David George
Naval Research Lab.
P.O. Box 8337
Orlando, FL 32856

Cecilia Goff
1520 Lyndale Blvd.
Maitland, FL 32751

Dr. Everett B. Hales
2121 Thunderbird Trail
Maitland, FL 32751

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5512 Chenault Ave.
Orlando, FL 32809

Clark M. Hay
P.O. Box 1267
Longwood, FL 32750

Dr. Deen D. Khandelwal
8610 Vesta Terr.
Orlando, FL 32807

George T. Kirby
110 Pine Tree Ln.
Altamonte Springs, FL 32701

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950 Sharon Ct.
Oviedo, FL 32765

Joeseph L. Massett
509 Puerta Ct.
Altamonte Springs, FL 32701

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UCF- College of Engineering
P. O. Box 25000
Orlando, FL 32816

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1730 Shiloh Ln.
Winter Park, FL 32789

Donald R. Mendorf
819 Haulover Dr.
Altamonte Springs, FL 32701

Joseph R. Miller
Florida Power Corp.
P.O. Box 417
Winter Park, FL 32790

Dr. Ben W. Patz
695 Gatlin Ave.
Orlando, FL 32806

Vernon Powers
Honeywell, Inc. Mail Sta. 275-1
13350 U.S. Highway 19
St. Petersburg, FL 33733

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Orlando, FL 32817

Michael Robitaille
1026 Plantation Dr. Apt. B-13
Kissimmee, FL 32741

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Alfredo Ruiz
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Carl F. Schunemann
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Maitland, FL 32751

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Russ Theisen
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Winter Park, FL 32792

Tom Toor
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Dr. Herbert C. Towle
206 Ranch Rd.
Maitland, FL 32751

William B. Towles
P.O. Box 398
Windermere, FL 32786

Jim Walter
433 Wilford Ave.
Longwood, FL 32750

Dr. Gerry C. White
701 Golfside Villas
Winter Park, FL 32792

Patty Wilburn

Ron Wojtasinski
375 Dorset Dr.
Cocoa Beach, FL 32931

Additions to mailing list for Executive Committee Minutes:

Tom Toor
10316 Belgrove Place
Orlando, FL 32817

Ed Ellis
902 Red Bird Lane
Altamonte Springs, FL 32701

Jerome Kopensky
6921 Wheel Lane, #270
Orlando, FL 32808

P. A. Wilburn
Box 26616 UCF
Orlando, FL 32816

PGMTT STATUS REPORT - SEPTEMBER 2, 1980

SUBMITTED BY: Carl F. Schunemann
PGMTT Chairman

- 1) Arrangements completed for September 10 meeting, all information supplied to Newsletter editor, Scientific Atlanta's contract with Court of Flags for meeting room and cocktail hour has been finalized.
- 2) Confirmed by telecon the Thursday, January 8, 1981 meeting date with MTT national lecturer, Dr. Robert A. Pucel of Raytheon. This will be a joint meeting with the new Orlando Electron Devices group. Dr. Pucel will also be addressing the Clearwater group on January 6, and the Melbourne group on January 7.
- 3) Arrangements are being finalized for the Harris Corporation speakers, Ted Gutwein and/or Ted Hart to speak on the Tracking Data Relay Satellite System (TDRSS). This is scheduled for October 29, 1980. (I heard this presentation at the June 24 meeting of the Melbourne MTT/GAP, and it should be of interest to our group).
- 4) Contact was made with Jim McDaniels, Chief Engineer of Orange/Seminole Cablevision (896-3215), who has agreed to a tour of their facility. This is tentatively scheduled for November 19, 1980.
- 5) We are attempting to schedule most of our meetings for Wednesday nights after the 15th of the month to allow for Newsletter publicity.
- 6) Additional speakers and topics being considered for the last half year programs are:
 - a) Millimeter wave technology - Pat Crane of UBC Tampa - formerly with Sperry Microwave, Clearwater
 - b) Pre-detection combiners for communications - Phil Gruber, ^{Dir.} V.P. R&D, REL *Dec 10*
 - c) Array technology - Darrayl Helms, ECI
 - d) Ferrite microwave devices - Frank West of Trans-Tech
- 7) We are also trying to work in technical summaries on basic characteristics of current radars by Martin Marietta's Fred Wilcox. He can cover about six radars in an unclassified manner.

PGMTT Status Report
September 2, 1980
Page Two

- 8) We also plan on a tour of the Channel 9 TV studios as a followup to the transmitter tour we took last year, and are considering a tour of RF System Inc.'s large antenna dish manufacturing facility in St. Cloud. Tentative dates: December 10, 1980 or after the first of the year.
- 9) Al Fowler is performing well as vice-chairman and actively assisting in setting up the year's program.
- 10) We are still trying to get a secretary-treasurer, unsuccessfully to date.

Respectfully submitted,

Carl F. Schunemann

Carl F. Schunemann
Chairman, Orlando PGMTT

IEEE Orlando Section

Treasurer's Report

STATEMENT OF ACCOUNT FROM 5 AUGUST 1980 to 2 SEPTEMBER 1980

Cash Balance as of 5 August 1980

Checking		\$ 560.56	
Savings		7296.52	
Currency		28.50	
Total		<u>\$7885.58</u>	\$7885.58

Cash Received

Checking	\$2039.70	
Savings	-0-	
Total	<u>\$2039.70</u>	\$2039.70

Cash Disbursed

Checking	\$ 446.98	
Savings	2000.00	
Currency	-0-	
Total	<u>\$2446.98</u>	\$2446.98

Cash Balance as of 2 September 1980

Checking		\$ 153.28	
Savings		7296.52	
Currency		-0-	
Total		<u>\$7449.80</u>	\$7449.80

STATEMENT OF INCOME FROM 5 AUGUST TO 2 SEPTEMBER 1980

Savings Interest	\$11.20
Officer Installation Banquet	<u>-0-</u>
TOTAL	\$11.20

STATEMENT OF DISBURSEMENTS FROM 5 AUGUST 1980 TO 2 SEPTEMBER 1980

Bill Cram Award for Outstanding Service Exp.	\$. 25.90
EE Erickson Engraving on Chairman's Gavel	2.92
Advanced Mail Processing for Section Notes	36.40
FCIEEE Assessment for 1980-81	360.00
Mike Sosa IEEE Financial Dept. Opt. II Inv.	2000.00
Mannie Connell - Group Soc. reim. new members	8.00
Dr. Gerry White Computer Society Expenses	<u>13.76</u>
TOTAL	\$2446.98

SUBMITTED BY:

Mannie Connell
Mannie Connell, Treasurer

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
10-7-80 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Ralph Mindock
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 - a. Barbeque Clark Hay
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
 - Meeting Location Don Mendorf
8. NEW BUSINESS
 - Section Notes Rate Card Approval
 - Donation to Region 3 Student Activities
9. CHAIRMAN'S REPORT George McClure
10. ADJOURNMENT.

*Jim McClure - MAM has had speakers on Estate Planning.
National TAB Dec 4 Dutch Inn.*

EXECUTIVE COMMITTEE NOTES - 10/7/80

1. A request has been received from Region 3 Student Activities Committee addressed to all sections in Region 3, for donations on behalf of the student activities program, principally to defray travel expenses for student leaders. Checks, with a notation that the purpose of the donation is for student activities, should be mailed to:

Art L. Stoutenburg, Jr.
General Telephone Company of Florida
P.O. Box 110, Mail Code 37
Tampa, FL 33601

2. Plessey Microwave Materials has indicated an interest in advertising in the Orlando Section Notes. Follow-up contact should be made and a rate card sent by the Section Notes editor or business manager to:

Ray Coleman
Plessey Microwave Materials
P.O. Box 85600
San Diego, CA 92138

3. A preliminary program for SOUTHCON/81 is attached. Over 280 booths have been sold thus far.
4. The 1980 Nuclear Science Symposium (IEEE) will be held at the Sheraton Twin Towers on 5-7 November, concurrently with the Nuclear Power Symposium. Mailings have gone to all members of the Power Engineering Society and the Nuclear and Plasma Sciences Society. The General Chairman, John Martin, mentioned that he had sent 50 copies of the program to someone with IEEE Orlando Section at UCF, but could not recall who it was. He will send additional copies to George McClure for distribution to anyone interested (telephone 352-3782 for a copy). Registration is \$40 for IEEE members before Oct. 31, \$10 for students at any time; \$50 for members or \$65 for non-members at the door. Short courses will be offered on CAMAC (Modular Instrumentation and Digital Interface System) and Fiber Optics, at \$75 each for members, \$95 for non-members.
5. Dr. Fred Simons has requested direction from the Executive Committee regarding our interest in sponsoring tutorials again this year. He suggests that a microcomputer tutorial centering around the 2920 signal processing chip would be a likely prospect, and instructors could be found for it.
6. The AUTOTESTCON Board of Directors will be meeting during AUTOTESTCON 80 in Washington, on 3 November, to discuss plans for AUTOTESTCON 81. George McClure will attend. Members of the Orlando Section interested in gaining experience in producing a technical conference are encouraged to contact George McClure, 352-3782, for suggestions on how they can participate. AUTOTESTCON 81 will be held at the Orlando Hyatt House in October 1981. The Orlando Area Chamber of Commerce is making available a set of ~~35 mm slides~~ showing local attractions, for a "preview" presentation to be made at the Washington conference. The Hyatt House is sending a 14-minute, 16 mm film for the same purpose.
7. The next meeting of the Florida Council of IEEE will be held at the Sheraton International Airport Inn, Orlando, on 25 October, starting at 8:45 AM. The agenda includes a financial report for the Fla. Council, section reports, conference reports on SOUTHCON and AUTOTESTCON, and other business that may arise.

Oct 19-21
1981

frequently have
PAC info.

8. Speakers on energy are available through Oak Ridge Associated Universities, P.O. Box 117, Oak Ridge, TN 37830. Maggie West, there runs the Fossil Energy Speakers' Program. Her telephone is 615/576-3428. Travel expenses are usually paid for the speakers; the group requesting the speaker is usually asked to pick up local expenses.

9. The following changes have been noted in the Execom directory:

Business telephone changes-

Dr. David Flinchbaugh 412/256-7800

Charles Curley 352-3548

William C. Cram 894-3351

Bill Towles 855-4779

Dr. Deen Khandelwal 352-2583

Change in Student Branch Treasurer, from Terry Rowan to-

David Olivo, 11421C Wagon Road, Orlando, FL 32817. Home: 282-0855

Delete Patty Wilburn as Secretary/Treasurer of Student Computer Chapter; replacement to be announced.

10. Bob Hokkanen, a section member with NTEC, has inquired about the formation of the EMC-S chapter. His work involves EMI for the Navy and he is a member of the SAE-AE-4 committee (Jack Moe, chairman) on aerospace EMI. He has wide-ranging contacts in the field and could be helpful in getting speakers on subjects related to electromagnetic compatibility. One he suggested is Prof. Unan, from the University of Florida, who is doing work on lightning damage assessment for the U.S. Department of Energy, involving extensive instrumentation of light poles in the Tampa area. Bob Hokkanen's telephones are 646-5046 (office), and 645-2182 (home).
11. The lead EMC-S member in the formation of the new chapter is Charles Anderson, telephone 352-2259 (office).
12. The Engineering Foundation, sponsored by the IEEE and four other engineering societies, is making available up to three Research Initiation Grants in engineering for 1981-1982, at \$14,000 each. The awards will be for proposed research projects in fields of mutual interest to the sponsoring societies and to the Engineering Foundation. Proposals will be evaluated competitively to select the award winners, and must be received at IEEE Hq. by December 1, 1980. Dr. Irving Ingleson, Acting Staff Director, Technical Activities, at IEEE, 345 East 47 Street, New York, NY 10017, is the contact to whom proposals should be mailed. Detailed instructions are available from George McClure, or from IEEE Hq.

Southcon/81
PROFESSIONAL PROGRAM SCHEDULE ALL SESSIONS IN GEORGIA WORLD CONGRESS CENTER

T
U
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D
A
Y

J
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N
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A
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Y

1
5

ROOM 208	ROOM 209	ROOM 210	ROOM 211
(1) 9:30 to 11:30 A.M. Application of Modern Control Theory to Defense Dr. Harold L. Pastrick U.S. Army Missile Laboratory Redstone Arsenal, AL	(2) 9:30 to 11:30 A.M. Low Power Performance: CMOS Micros Come of Age Anne Wagner-Korne National Semiconductor Santa Clara, CA	(3) 9:30 to 11:30 A.M. Microstructures Engineering for Microelectronics Dr. E. R. Chennette University of Florida Gainesville, FL	(4) 9:30 to 11:30 A.M. Advances in Production Efficiency in Semiconductor Fabrication Robert B. MacKnight Markem Corporation Keene, NH
(5) 1:00 to 3:00 P.M. Command and Control (C ²) Test Beds and Simulations I H. Bennett Teates Georgia Institute of Technology Atlanta, GA	(6) 1:00 to 3:00 P.M. Special Purpose Computer Architectures Cecil O. Alford Georgia Institute of Technology Atlanta, GA	(7) 1:00 to 3:00 P.M. Trends in MOS Bipolar Devices and Circuits Dr. Thomas E. Wade Mississippi State University Mississippi State, MS	(8) 1:00 to 3:00 P.M. Solid State Memories for the '80s Sam Young Mostek Corp. Carrollton, TX
(9) 4:00 to 6:00 P.M. Command and Control (C ²) Test Beds and Simulations II H. Bennett Teates Georgia Institute of Technology Atlanta, GA	(10) 4:00 to 6:00 P.M. Innovative ICs and Their Applications for Analog Signal Processing Russ Schroy Precision Monolithics, Inc. Santa Clara, CA	(11) 4:00 to 6:00 P.M. Microwave Solid State Devices and Circuits N. Walter Cox Georgia Institute of Technology Atlanta, GA	(12) 4:00 to 6:00 P.M. Color Display Technology Russell Boyd Chromatics Atlanta, GA
(13) 9:30 to 11:30 A.M. Electric Utility Power Load Management Richard W. Moss Georgia Institute of Technology Atlanta, GA	(14) 9:30 to 11:30 A.M. Single-Chip Microcomputers -- Efficient and-Economic Solutions to System Design Problems Jacob Fattal Motorola, Inc. Austin, TX	(15) 9:30 to 11:30 A.M. Modern Solid-State Devices, Techniques and Applications for High-Performance RF Communications Equipment M. F. "Doug" DeHaw American Radio Relay League, Inc. Newington, CT	(16) 9:30 to 11:30 A.M. Production and Performance of Lightguide Transmission Media Dr. W. R. Callen Georgia Institute of Technology Atlanta, GA & M. I. Schwartz Bell Laboratories Atlanta, GA
(17) 1:00 to 3:00 P.M. Solar Electric Power Generation Thomas B. Elfe Georgia Institute of Technology Atlanta, GA	(18) 1:00 to 3:00 P.M. What is a Truly Microprocessor Compatible A/D Converter Donald W. Travers Analog Devices, Inc. Wilmington, MA	(19) 1:00 to 3:00 P.M. Reconfigurable Spacecraft Antennas John E. Pippin Electromagnetic Sciences, Inc. Norcross, GA	(20) 1:00 to 3:00 P.M. Fiber Optics Communications Systems: Current Status Dr. Harry Lockwood GTE Laboratories Waltham, MA
(21) 4:00 to 6:00 P.M. Advances in EMI Shielding Technology Robert M. Simon Transmet Corp. Columbus, OH	(22) 4:00 to 6:00 P.M. Peripheral IC Advances Accompany Microprocessor Progress Bill Huston Motorola, Inc. Austin, TX	(23) 4:00 to 6:00 P.M. Millimeter Wave Technology James M. Schuchardt Georgia Institute of Technology Atlanta, GA	(24) 4:00 to 6:00 P.M. Integrated Circuit Packaging Trends Joseph P. Kosiarski Tecknit, Inc. Cranford, NJ
(25) 9:30 to 11:30 A.M. Automotive Electronics Hugh W. Denny Georgia Institute of Technology Atlanta, GA	(26) 9:30 to 11:30 A.M. Advanced 8-Bit Microprocessors Enter the 1980s James J. Farrell III Motorola, Inc. Austin, TX	(27) 9:30 to 11:30 A.M. Satellite Session # 1	(28) 9:30 to 11:30 A.M.
(29) 1:00 to 3:00 P.M. Automated Guideway Transit (People-Mover) Systems Fred Dixon Georgia Institute of Technology Atlanta, GA	(30) 1:00 to 3:00 P.M. 16-Bit Microprocessor Technology James M. Schuchardt Georgia Institute of Technology Atlanta, GA	(31) 1:00 to 3:00 P.M.	(32) 1:00 to 3:00 P.M.



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

MINUTES OF THE ORLANDO SECTION EXECUTIVE COMMITTEE MEETING Oct. 7, 1980

Meeting called to order at 5:30 PM by Chairman George McClure

Participants: Becker, Cram, Curley, Dick, Flinchbaugh, Fowler, Ellis, Connell, Fluet, Erickson, Hay, McClure, Mindock, Mendorf, Towle, Patz, Hales, Khandelwal, and Theisen

Minutes:

1. The minutes of the previous meeting were approved on a motion by Bill Cram and second by Russ Theisen after a change was made to show that the 1980-81 budget (Item 6.c) was adopted after being read
2. Treasurer's report (attached) was approved following motion for acceptance by Russ Theisen, second, and a majority vote. Mannie's report showed that the full rebate from IEEE Headquarters for the year has been received.
3. Society Chapter Reports:
 - a. AES - by Everett Hales
 - b. Communications - Dan Mindorf reported that a meeting will be held on 22 October, to be a field trip to the FAA center at Herndon Airport. The November tour of QWIP announced previously has been cancelled; a new meeting will be announced later.
 - c. Computer Society - meeting scheduled for 10-15-80
 - d. Electron Devices - by Ralph Mindock
 - e. MTT - meeting scheduled for 10-22-80: Tracking Data Relay Satellite System; also Ted Hart tour of Cablevision slated for November 12.
 - f. Power Engineering - Geoffrey Dick announced a factory tour of ECU, 311 E. Georgia St., Longwood, FL to be conducted as part of a meeting on 21 October on the subject of waste heat recovery. The president of ECU, Mr. Harris, will conduct the tour starting at 7:30 PM. The unit made by the company is an air conditioning heat exchanger feeding a hot water heater. It is called "HotTap".
 - g. Vehicular Tech. - no report
 - h. Student Branch - Gerry Becker reported a 35% increase in membership as a positive result of an intensive membership campaign. A meeting is scheduled on 6 November featuring a tour of the Wall Street Journal printing plant in Orlando Central Park. A presentation by Dick Downs at International Laser Systems is planned for 23 October. They have participated in a tour of the Flight Simulation Lab. at the NTC, and they have also heard a talk on microprocessors by Dr. Christian Bauer at U.C.F. A tutorial on hand-held programmable calculators will be held at U.C.F. in two sessions, each lasting two hours, on 15 and 22 January, 1981. These sessions will be led by Dr. Fred Simons. A distinguished visitor from IEEE is being sought as the speaker for a February meeting.
1. Student Chapter, Computer Society - Dr. Devilbiss, from the IEEE Distinguished Speakers Program will present a lecture on "Electronic Mail" of February 19 at U.C.F. and at the Library.

4. Standing Committee Reports:

a. Programs Suggestions:

1. have Dr. David Block, Director of the Fla. Energy Center
2. MPT - National Lecturer is coming in January
3. Solar Energy Powered Satellite
4. Estate Planning & KEOGH plans, etc. items of interest to the self-employed consultant, etc.
5. 3-Mile Island; Nuclear Advocates, etc. Suggestions for Speakers welcomed.
Publicize the 1980 Nuclear Science Symposium

b. Membership Development - still needs a chairman

c.
d.

- e. Publications - get stuff to Charlie Curley by the 10th if possible.
- f. Awards - new forms are available to make it easier to evaluate nominees
- g. not present
- h. Professional Activities - retirement plans & how can you opt out of your company's pension plan without alerting them to the idea that you are not planning to stay.
Are "mobile" plans still popular? advisor of the student computer group

i. Student: Ben Patz still the Dr. Richard Miller (of St. Cloud) is new chairman of IEEE College of Engineering, U.C.F., 32816

- j. Finance Committee - report is due around Christmas and should be audited by Chairman (Geo McClure), Vice Chairman, and new incoming treasurer

5. Special Committee Reports

- a. Barbeque = get ticket sales info & reservations in by Nov. 4th, Tues so we know how many steaks to order. cost is \$9.00 per person (\$8.00 for students and student tickets should be marked "STUDENT")
- b. Southcon - each Company in the area that employs more than 5 engineers should submit the name of their IEEE rep (liaison) to Geo McClure. he will make up list
- c. Autotestcon (Oct 19-21, 1981 - helpers are needed to produce promotional material for George to take to Autotestcon '80 (to advertise Autotestcon '81) when he goes (Nov. 4) to Washington
- d. Education; Russ Theisen made motion that said something like "we encourage education and suggest that in view of such goal, we suggest that Fred Simons produce another tutorial on whatever subject he deems appropriate etc etc." avoid these months:
INTEL has one coming in Nov. and again next yr (Jan??) - cost around \$800.
Computer Tutorials are in April (Patz)
Southeastcon '83 will be held at Sheraton Twin Towers. dates & place confirmed now we can get to work to publicize southeastcon '83.
- e. Historian - still needs old copies of Section notes, particularly from the '50's and early '70's.

6. Unfinished business:

1. Meeting Location - Stromberg Carlson training facility on Galloway 17-92 & Lee Rd. between Luke Potter & W.P. Mall (Used to be W.P. Tel.) entrance & parking at back.
Bill Gram made motion to keep meeting at 5:30 P. M. ON FIRST TUESDAY of each month. Russ seconded it & motion carried.
However, this month, because of election day it will be 2nd Tues. (NOV)
2. IEEE ballots - get in before 10-15-80
vote NO on that item about voting for president of IEEE
3. IEEE Region 3 meeting Dec. 5
meetings at Dutch Inn, Dec. 1-7, 1980
4. Deadline for Nominations for Region III Engineer of the year: Dec. 31st.

8. New Business

1. Request from Region 3 to have a travel fund for needy students from poor Chapters
40 sections came last time - there are 42 sections in all (58 student branches -
some have more than 1 student branch) and 40 out of 42 sent at least 1 student
about 336 (get exact no from George) attended - many were within driving distance,
but the ones from far away were usually subsidized by their chapters. Our
student rec'd \$125 from us and \$125 from ? student chapter? for his total cost of
\$250. (cost varies with distance & time away)
Ed Ellis made motion to send a donation of \$50. Russ seconded it. It carried.
2. IEEE Board (National) "increases dues to limit projected '81 deficit."
we didn't even get to vote on the dues increase. They may be killing the
organization because of excessive dues - People drop out of societies as
dues go up. We asked Don Mendorf to draft a letter for the executive
committee to sign to protest the increase.
3. Nov. 10th & 14th - St. Cloud - MTT meeting
4. Oct. 25th - Fla Council meets at the Sheraton.
Question of rep. We need a bylaws change. Historically it has been the Chairman
& vice chairman, but it has never been made official (*representative*).
9. Chairman's report - items 8 & 12.
next meeting 2nd tuesday because of election day - so meet nov. 11 at 5:30 p.m.
on Galloway Avenue near 17-92 & Lee Red.
10. Adjourn 7:06 p.m.

Respectfully submitted,

D. E. Flinchbaugh

Heidi

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
10-7-80 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Ralph Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Mannie Connell
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications Charles Curley
Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
 - g. IEEE-FES Liaison Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities Ben Patz
 - j. Finance Committee Mannie Connell
6. SPECIAL COMMITTEE REPORTS:
 - a. Barbeque Clark Hay
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
Meeting Location Don Mendorf
8. NEW BUSINESS
Section Notes Rate Card Approval
Donation to Region 3 Student Activities George McClure
9. CHAIRMAN'S REPORT George McClure
10. ADJOURNMENT.

EXECUTIVE COMMITTEE NOTES - 10/7/80

1. A request has been received from Region 3 Student Activities Committee addressed to all sections in Region 3, for donations on behalf of the student activities program, principally to defray travel expenses for student leaders. Checks, with a notation that the purpose of the donation is for student activities, should be mailed to:

Art L. Stoutenburg, Jr.
General Telephone Company of Florida
P.O. Box 110, Mail Code 37
Tampa, FL 33601
2. Plessey Microwave Materials has indicated an interest in advertising in the Orlando Section Notes. Follow-up contact should be made and a rate card sent by the Section Notes editor or business manager to:

Ray Coleman
Plessey Microwave Materials
P.O. Box 85600
San Diego, CA 92138
3. A preliminary program for SOUTHCON/81 is attached. Over 280 booths have been sold thus far.
4. The 1980 Nuclear Science Symposium (IEEE) will be held at the Sheraton Twin Towers on 5-7 November, concurrently with the Nuclear Power Symposium. Mailings have gone to all members of the Power Engineering Society and the Nuclear and Plasma Sciences Society. The General Chairman, John Martin, mentioned that he had sent 50 copies of the program to someone with IEEE Orlando Section at UCF, but could not recall who it was. He will send additional copies to George McClure for distribution to anyone interested (telephone 352-3782 for a copy). Registration is \$40 for IEEE members before Oct. 31, \$10 for students at any time; \$50 for members or \$65 for non-members at the door. Short courses will be offered on CAMAC (Modular Instrumentation and Digital Interface System) and Fiber Optics, at \$75 each for members, \$95 for non-members.
5. Dr. Fred Simons has requested direction from the Executive Committee regarding our interest in sponsoring tutorials again this year. He suggests that a microcomputer tutorial centering around the 2920 signal processing chip would be a likely prospect, and instructors could be found for it.
6. The AUTOTESTCON Board of Directors will be meeting during AUTOTESTCON 80 in Washington, on 3 November, to discuss plans for AUTOTESTCON 81. George McClure will attend. Members of the Orlando Section interested in gaining experience in producing a technical conference are encouraged to contact George McClure, 352-3782, for suggestions on how they can participate. AUTOTESTCON 81 will be held at the Orlando Hyatt House in October 1981. The Orlando Area Chamber of Commerce is making available a set of 35 mm slides showing local attractions, for a "preview" presentation to be made at the Washington conference. The Hyatt House is sending a 14-minute, 16 mm film for the same purpose.
7. The next meeting of the Florida Council of IEEE will be held at the Sheraton International Airport Inn, Orlando, on 25 October, starting at 8:45 AM. The agenda includes a financial report for the Fla. Council, section reports, conference reports on SOUTHCON and AUTOTESTCON, and other business that may arise.

8. Speakers on energy are available through Oak Ridge Associated Universities, P.O. Box 117, Oak Ridge, TN 37830. Maggie West there runs the Fossil Energy Speakers' Program. Her telephone is 615/576-3428. Travel expenses are usually paid for the speakers; the group requesting the speaker is usually asked to pick up local expenses.

9. The following changes have been noted in the Execom directory:

Business telephone changes-

Dr. David Flinchbaugh 412/256-7974

Charles Curley 352-3548

William C. Cram 894-3351

Bill Towles 855-4779

Dr. Deen Khandelwal 352-2583

Change in Student Branch Treasurer, from Terry Rowan to-

David Olivo, 11421C Wagon Road, Orlando, FL 32817. Home: 282-0855

Delete Patty Wilburn as Secretary/Treasurer of Student Computer Chapter; replacement to be announced.

10. Bob Hokkanen, a section member with NTEC, has inquired about the formation of the EMC-S chapter. His work involves EMI for the Navy and he is a member of the SAE-AE-4 committee (Jack Moe, chairman) on aerospace EMI. He has wide-ranging contacts in the field and could be helpful in getting speakers on subjects related to electromagnetic compatibility. One he suggested is Prof. Unan, from the University of Florida, who is doing work on lightning damage assessment for the U.S. Department of Energy, involving extensive instrumentation of light poles in the Tampa area. Bob Hokkanen's telephones are 646-5046 (office), and 645-2182 (home).
11. The lead EMC-S member in the formation of the new chapter is Charles Anderson, telephone 352-2259 (office).
12. The Engineering Foundation, sponsored by the IEEE and four other engineering societies, is making available up to three Research Initiation Grants in engineering for 1981-1982, at \$14,000 each. The awards will be for proposed research projects in fields of mutual interest to the sponsoring societies and to the Engineering Foundation. Proposals will be evaluated competitively to select the award winners, and must be received at IEEE Hq. by December 1, 1980. Dr. Irving Ingleson, Acting Staff Director, Technical Activities, at IEEE, 345 East 47 Street, New York, NY 10017, is the contact to whom proposals should be mailed. Detailed instructions are available from George McClure, or from IEEE Hq.

IEEE Orlando Section

Treasurer's Report

STATEMENT OF ACCOUNT FROM 2 SEPTEMBER 1980 TO 5 OCTOBER 1980

Cash Balance as of 2 September 1980

Checking		\$ 153.28	
Savings		7296.52	
Currency		-0-	
Total		<u>\$7449.80</u>	\$7449.80

Cash Received

Checking	\$2154.52	
Savings	-0-	
Total	<u>\$2154.52</u>	\$2154.52

Cash Disbursed

Checking	\$ 502.25	
Savings	-0-	
Currency	-0-	
Total	<u>\$ 502.25</u>	\$ 502.25

Cash Balance as of 5 October 1980

Checking	\$1805.55	
Savings	7296.52	
Currency	-0-	
Total	<u>\$9102.07</u>	\$9102.07

STATEMENT OF INCOME FROM 2 SEPTEMBER TO 5 OCTOBER 1980

Florida Computer Tutorials	\$ 500.00
Bill Kownacki	8.50
IEEE Rebate 2nd Half	1646.02
Total	<u>\$2154.52</u>


STATEMENT OF DISBURSEMENTS FROM 2 SEPTEMBER 1980 TO 5 OCTOBER 1980

Joe Miller - Stamps	\$ 8.25
Dr. Hardin - Meeting room refreshments	3.12
Seminole House Printers - Section Notes (Sept. & Oct.)	376.48
Postmaster - Bulk mailing permit postage	100.00
IEEE - Group membership for Roger W. Forrest	7.00
Mannie Connell - Treasurer expenses	7.40
Total	<u>\$502.25</u>

SUBMITTED BY:

Mannie Connell
Mannie Connell, Treasurer

M E M O R A N D U M

Date: September 26, 1980
To: Dr. Fred Simons
From: Dr. John B. O'Hara 
Subject: FINAL FISCAL SUMMARY
MICROPROCESSORS #033516024

Below are revenues and expenses for the above conference:

Income

Twenty-two (22) participants @ various fees \$4,850.00

Expenses

Instruction

Page	\$1,229)	
Malstorm	1,229)	
Simons	580)	3,038.00

Travel

57.04

Food/Refreshments

124.65

Sub total \$3,219.69

Net 1,630.31

~~IEEE~~
~~Chapter~~ 543.43

College of Engineering 543.43

College of Extended Studies 543.43

NET REVENUES - 0 -

JBO'H/sjm

IEEE Program

Oct. 7, 1980

DR DAVID BLOCK, DIRECTOR OF THE FLORIDA ENERGY CENTER, HAS AGREED TO SPEAK TO US ON AN ASSESSMENT OF SOLAR ENERGY.

I HAVE RECEIVED A LETTER FROM IEEE HEADQUARTERS OFFERING NO SUGGESTIONS FOR SPEAKERS, ALTHOUGH MR. LUCAS DID NOTE THAT THE COMPUTER SOCIETY AND THE MICROWAVE SOCIETIES HAVE "NATIONAL LECTURES."

NO REPLY HAS BEEN RECEIVED, AS YET, TO A COUPLE LETTERS TO NUCLEAR ADVOCATES REQUESTING NAMES OF POSSIBLE SPEAKERS.

OPEN DATES:

→ 21 Feb '81 Engineers week Dinner
? April '81 Technical No Dinner
? May '81 Installation of Officers Dinner

QUESTIONS: (1) ANY CHOICES AS TO BEST TIME TO SCHEDULE DR BLOCK'S TALK.
(2) CAN WE USE SPEAKERS FROM THE SOCIETIES AS PER THE ABOVE?

Southcon/81
PROFESSIONAL PROGRAM SCHEDULE ALL SESSIONS IN GEORGIA WORLD CONGRESS CENTER

	ROOM 208	ROOM 209	ROOM 210	ROOM 211
T U E S D A Y J A N U A R Y 1 3	(1) 9:30 to 11:30 A.M. Application of Modern Control Theory to Defense Dr. Harold L. Pastrick U.S. Army Missile Laboratory Redstone Arsenal, AL	(2) 9:30 to 11:30 A.M. Low Power Performance: CMOS Micros Come of Age Anne Wagner-Korne National Semiconductor Santa Clara, CA	(3) 9:30 to 11:30 A.M. Microstructures Engineering for Microelectronics Dr. E. R. Chennette University of Florida Gainesville, FL	(4) 9:30 to 11:30 A.M. Advances in Production Efficiency in Semiconductor Fabrication Robert B. MacKnight Markem Corporation Keene, NH
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T H U R S D A Y J A N U A R Y 1 5	(25) 9:30 to 11:30 A.M. Automotive Electronics Hugh W. Denny Georgia Institute of Technology Atlanta, GA	(26) 9:30 to 11:30 A.M. Advanced 8-Bit Microprocessors Enter the 1980s James J. Farrell III Motorola, Inc. Austin, TX	(27) 9:30 to 11:30 A.M. Satellite Session # 1	(28) 9:30 to 11:30 A.M.
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IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

January 6, 1981

1. Those in attendance: McClure, Theisen, Hales, Schunemann, Connell, Towle, Cram, Ellis, Dick, Patz, Fluet, Hay, Kownacki, Simons, & Heidi Flinchbaugh
2. Minutes of previous meeting were read. (One correction: date of next PE&IA meeting 1/20/81 rather than 1/3/81). Patz moved to accept them, Schunemann seconded, motion carried.
3. Treasurer's report was presented. Cash balance as of 1 Jan 1981: \$473.08 in checking account; \$7461.20 in savings account. Report attached. It was read and accepted.
4. Society Chapter Reports
 - a. AES - Everett Hales: An analysis of AESS local group membership has been made. Total AESS membership: 38. Of these, 9 are also members of computer society. An additional 8 are in top/middle management or are very senior staff engineers in their companies. Senior officers in Orlando Section or affiliated groups: 3. This leaves a maximum number of 18 available for major AESS activity. A significant number of these probably belong to the Communication Society.

With J. Massett's concurrence we plan to have AESS meet jointly with the Computer Society in March (Simulation Analysis Study of a large simulation system).

A discussion was held with Dr. Rudolf Stamfl, retiring president of AESS, and a current copy of AESS speakers obtained. We plan to contact a speaker for April or May meeting; preferably one which could justify the Computer Society joining us.
 - b. Communications - Ed Ellis
meeting scheduled 1-26-81, 7:30 p.m. Orange County Courthouse, a tour of the new "911" facility. We hope to get a tour of QWIP in February.
 - c. Computer - not present
 - d. Electron Devices. Vice Chairman, Jim Crough said "no news"
 - e. MFT - Carl Schunemann: status report was passed out last month.
next scheduled meeting will be National Lecturer, 1-8-81. Dinner at Gary's at 5:30 and Speaker at 7:15, south entrance of Hewlett Packard on Lk. Ellenor Dr.
The meeting on Dec. 10 was a good one with the Director of R.E.L. (Boynton Beach). MFT has had good meetings, but serious attendance problems. This month the publicity didn't get out in the newsletter to notify people about the meeting at H.P. on Thursday. This meeting should be of interest to the Electron Devices group. Several more meetings are scheduled.
 - f. Power Engineering & Ind. Applications - Geof. Dick
meeting is scheduled for 1-20-81. William McCord, Valencia Community College on Energy Resources.
March, third Tuesday: second scheduled tour of Gould in Sanford with Ray Liggins as host.
 - g. Vehicular Technology - Mel Kelch, Chairman
Board meeting approved the idea that this society can function jointly with the Communications Society. Communications Society has not yet met & approved this, but they have the go-ahead if they should want to.
 - h & i - Student Branches are having the Hand-held Calculator Tutorial.
5. Standing Committee Reports:
 - a. Programs - Herb Towle
 1. Jan. 21st at Lord Chumley's: 6:30 p.m. Tickets are available. (\$9.75 for London Broil; \$1.00 less for students.)
 2. Mr. Rowse, Westinghouse, can get us a speaker for the installation of officers in May. We will plan to meet on a Fri or Sat between May 16 & the end of May.

3. U.C.F. Physics Department has several speakers & topics available: Energy-related topics would be current, timely, and of general interest. Thermography or the new, planned UCF Research Park - of greatest interest to the exec. committee members present. We'll plan something for a meeting scheduled between mid & end of April.

- b. Membership Development: a list was passed out of Senior and Fellow Members, etc.
An additional sheet that is a print-out of "potential upgrade" members (people who have been members 10 years or more and who should upgrade their membership. (This is not a complete list of members of this Section.) Frank Fluet has the membership-upgrade packets.
- c. Publicity. not present
- d. Facilities - no change
- e. Publications - Jerry Kopenski - not present, but Notes are out.
- f. Awards - Bill Cram - no report, but they are looking for someone to do the lettering on the award certificates.
- g. IEEE-FES Liaison - Russ Theisen has tickets for the FES meeting on 2-28-81 at Holiday Inn, International Drive. Cost \$17.50 per person.
- h. Professional Activities: Ed Ellis - we are looking for people to nominate to be Congressional Advisors, but unable to come up with any names of members who have the time and freedom to serve.
- i. Student Activities - representative left early, no report
- j. Finance Committee: ¹Annual financial report is in process. Meeting was held 1-2-81. ²Average monthly expenses for printing & reproduction were around \$260/Mo. due to general inflation, and more are being printed (821 mailing labels were sent last month).

³Accounts receivable - billings went out. About \$1455/ 2 years is our "income" from advertising. \$600 from Hewlett Packard adv. has come in, so the outstanding balance due is \$855.

4. Dreyfuss fund: 14.58% interest - went up, but fluctuates throughout the year. A request for withdrawal needs to be signed by all the officers before a certified bank official, and could become complicated. If you set this type of an account up as an individual, it is easier. (signatures can be "and" but not "or".) Most of our money was taken out of passbook savings and put in our checking account in anticipation of reinvestment. (Park Federal has some Certificates of Deposit that have high yield.) We will look into 6-month CD's. Motion was made by Ben Patz to deposit our money in the Dreyfuss liquid asset fund (in excess of \$2500) and request that they allow 2 of the 4 signatures on a withdrawal request. Theisen seconded it; motion passed.

5. IEEE has 2 investment options. We could open a checking account that pays interest, but all banks require at least \$500 minimum balance; it might be to our advantage to use this service, but we should get one that gives monthly statements, rather than quarterly, etc. Motion made by Patz that we look into the costs & benefits of an interest-paying checking account. G. Dick seconded it - motion passed.

6. Leo Young replied to our protest to the dues increase (which was discussed in the Nov. issue of the IEEE national newsletter.) One reason the dues went up was the support for the American Institute of Engineering Societies - this increases our data base.

6. SPECIAL COMMITTEE REPORTS:

a. By-laws. Joe Pullara is enroute to Italy for Martin-Marietta, so we need a new by-laws committee chairman.

b. SOUTHCON - is going as scheduled in Atlanta this month. The space for exhibitors was sold out. There is no way to predict attendance, because there were many complementary tickets given out.

Next year, SOUTHCON '82 will be here in Orlando at Exposition Park. Other facilities will not be completed. We may have to set up tents in the parking lot for exhibitors. (Sheraton Twin Towers is planning to double their exhibit space by building two more towers across the street from the present one, but this will not be finished in time to help us.)

- c. AUTOTESTCON '81. We went to a meeting at the Hyatt to view the facilities. There will be no conflict by other groups planning to use the Hyatt at that time.
- d. Education: Fred Simons - We received a ³\$542.43 check from U.C.F. for the seminar in June '80. But after the books were closed, we received a bill for \$374 for the "Notes" that were put out by Dr O'Harris. This bill was paid out of Univ. funds, but we had agreed to pay 1/3 of the costs because the Section was 1/3 sponsor of the Tutorial. Our share of this bill will be \$124.67. (The check for \$543.43 was our share of the surplus).
A motion was made by Ed Ellis that we respect our moral obligation and pay \$124.67 to the University of Central Florida to pay our 1/3 of the cost of the "notes". Theisen seconded it. Motion passed.
Do we want a short course this summer? We could have one on Signal processing: a 2920 signal processing chip (INTEL), also on the TRW chip family (theirs is operational, but expensive). Fred Simons reported that he will prepare a proposal to conduct under Section sponsorship, a tutorial this summer on the Intel 2920 signal processing chip.
Russ Theisen suggested that consideration be given to developing a software clearing-house for personal computing. We need to list what is available, give sources, etc. Perhaps jointly with CoEd division of ASCE and EMCS, etc. Dr. Simons reported that he may be able to set up a seminar on the TRS-80 family, Apple, and H-P-41C.
- e. Historian - no report.

7. Unfinished Business

Theisen reported that the Orlando Section and Tampa Section will equally split a portion of the registration fee for the Computer Society Tutorials to be held at the Orlando Marriott on April 6-10, 1981.

- 8. New Business - It was announced that Dr. Deen Khandelwal has agreed to serve as acting Secretary if there should be a continuation in the absence of Dave Flinchbaugh, starting with the February meeting of the Executive Committee.

9. Chairman's Report

- 10. Date set for the next meeting is February 3, 1981.
The meeting adjourned at 7:08 p.m.

IEEE ORLANDO SECTION
TREASURERS REPORT

STATEMENT OF ACCOUNT FROM 1 DECEMBER 1980 TO 1 JANUARY 1981

Cash Balance as of 1 December 1980

Checking		\$ 782.12
Savings		7296.52
Currency		<u>-0-</u>
Total		\$8078.64

Cash Recieved

Checking	-0-	
Savings	-0-	
Total	-0-	

Cash Disbursed

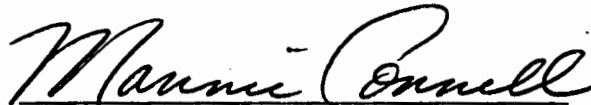
Checking	\$309.04	
Savings	-0-	
Currency	-0-	
Total	<u>\$309.04</u>	

Cash Balance as of 1 January 1981

Checking	\$ 473.08	
Savings	7461.20	
Currency	-0	
Total	<u>\$7934.28</u>	

Statement of Disbursement From 1 December 1980 to 1 January 1981

IEEE - Scott Bures Group Membership Fee	\$ 8.00
Seminole Printers - December Section Notes	261.04
U S Postmaster - Bulk Mailing permit #3492	<u>40.00</u>
Total	\$ 309.04



Mannie Connell - Treasurer
Orlando Section IEEE

24 JAN 1981

OFFICER'S MEETING
DR. MILLER'S

RECEIVED
FEB 20 1981
D. D. KHANDELWAL

- SAM RICHIE # 7678717
- DAVID OLIVO # 4143871
- MICHAEL ROBITALLE # 4112231
- GERRY BELKER # 7811458

ITEMS:

ENGINEERING FAIR - FEB 18-21
IEEE RESPONSIBLE FOR TOURS &
INFORMATION.

IEEE SPONSERING:
LED MALLETTE THURSDAY FEB
19 FROM HUGHES AIRCRAFT GOES
SATELLITE ROOM 307 2:00

DR. DIVILBISS RM 359 UNIV
OF ILL. "ELECTRONIC MAIL"

CONTRIBUTED \$10.00 FOR AD IN
ENGINEERING NEWSLETTER

CONTRIBUTED \$30.00 FOR ENGINEERING
PARTY SPONSORED BY FES

FEB 5 MEETING BOEING FROM
SEATTLE, FILM & PRESENTATION
RM 359 12:00

MARCH 5 - WARNER ROBBINS, GA
FIELD ENGINEERING

OUTSTANDING STUDENT AWARD -
REQUIREMENTS @ GRADUATING SENIOR
@ IEEE MEMBER
VOTED ON BY EXECUTIVE COUNCIL

OF AWARDS RECEIVED BY COUNCIL.
 AWARD SENT THROUGH BOSS OF
 COMPANY OF SENIOR.
 TOM TOOR & MIKE ROBITALLE HEAD
 OF COMMITTEES

PAST: MIND-HELD CALCULATOR

JAN 15, 22, 29 3 SESSIONS
 2 ON HP & 1 ON TI
 MADE \$ 270.00
 68 ATTENDED.

OPEN HOUSE SPONSORED BY HARRIS CO.
 TUESDAY AT PIZZA HUT.

GOALS: SPEAKER IN MAY FROM GCS
 IN DAYTONA

TOUR TO COMTEL ANTENNA

SATELLITE RECEIVING PROJECT
 FEASIBILITY REPORT HOPE TO
 ENTER IN THE BENDIX AWARD
 CONTEST

SOUTHEAST CON - HUNTSVILLE ALA
 TOM TOOR & GERRY BEKERTZ TO
 ATTEND.

HOPE TO SPONSOR A SOLAR
 CAR CONTEST & A PAPER CONTEST
 NEXT YEAR.

Original

IEEE Orlando Section
Executive Committee Meeting
February 3, 1981

The meeting was called to order by the Section Chairman, George McClure at 5:35 p.m. Other attendees were: Carl Schunemann, Bill Cram, Herb Towle, Roger Bowman, Don Mendorf, Everett Hales, Joe Massett, Bill Kownacki, Ben Patz, Cecilia Goff, Mannie Connell, Frank Fluet, Fred Simons, Jr., Heidi Flinchbaugh and Deen Khandelwal. Meeting agenda is attached as Attachment A.

1. Minutes of January 6, 1981 Meeting: After correcting a typographical error to change \$542.43 to \$543.43 on page 3, line 4, Carl Schunemann moved the motion to accept the minutes. Herb Towle seconded the motion and it passed.
2. Treasurer's report was presented by Mannie Connell. It showed a balance of \$8,069.38 as of February 1, 1981. The report was accepted and is included as Attachment B.
3. After a general discussion about our new account with Dreyfus Liquid Assets fund and our certificates of deposit (CD's) with Park Federal, Deen Khandelwal moved and Mannie Connell seconded a motion to cash the CD's at Park Federal and deposit the money in Dreyfus fund. The motion passed in view of liquid nature of deposits in Dreyfus and its high interest rate.
4. Society Chapter Reports - Joe Massett, Society Chapter Chairmen's representative reported about irregularities in the Society Chapter meeting reporting procedure.
 - a. AES - Everett Hales reported that a society meeting jointly sponsored by the computer society is scheduled for March 11, 1981 on Digital Simulation at the Naval Training Center.
 - b. Communication - Don Mendorf reported on the successful tour of '911' facility at Orange County Court House on January 26, 1981. Another meeting as QWIP System tour is scheduled for February 25 at QWIP Systems. Still another meeting is planned for March, 1981.
 - c. Computer - Joe Massett reported that the January meeting with Dr. Agarwala of IBM Watson Lab was a great success. Another meeting of the Chapter is being planned on February 19, 1981. Dr. Divilbiss of University of Illinois will be talking on "Electronic Mail" at Orlando Public Library. Still another meeting has been scheduled for March 11, jointly sponsored by AES. He reported that the Computer Society is acting as the local arrangements committee for the Tutorial Week scheduled for the week of April 4, 1981. They need more volunteers to man doors, slide projectors, etc. Volunteers will be given free registration at one of the tutorials. Although the advanced registration as of now stands only at 34, about 1,000 participants are expected.

Don Mendorf suggested that section should sponsor about 5 candidates to the tutorials. The subject was debated and finally Bill Cram moved that a committee be appointed to look into the issue. The motion carried with 6 votes for and 4 against. Fred Simons then moved and Don Mendorf seconded that the Section Chairman be authorized to select a maximum of 3 students whose attendance at the tutorials would be sponsored by the section. The motion was carried. Fred agreed to assist chairman George McClure in selecting suitable students.

d. Electron Devices - No report.

e. MTT - Carl Schunemann reported on the joint meeting with Electron Devices on January 8, 1981 pointing out that the attendance was rather poor, specially the MTT members were very few. Although the society has had a meeting almost every month, the average number of MTT members at these meetings was 3. He requested section help in providing him with a current list of MTT society members so that he can try to revitalize the society.

f. Power Engineering and Industrial Applications - Roger Bowman reported on the January 20th meeting of the Chapter on "Fossil Fuel Reserves" by William McCord of Valencia Community College. Another tour/presentation meeting is scheduled for March 17, 1981 at Gould Switch Gear. He also pointed out some attendance problems but said that it will be corrected in the future.

g. Vehicular Technology - No report.

h. Student Branch - Cecilia Goff reported on various activities of the student branch. The report was very well received and a copy of the summary is attached as Attachment C.

i. Student Chapter, Computer Society - No report.

5. Standing Committee Reports

a. Programs - Herb Towle reported that the speaker at the Engineers' week Banquet on February 21, will be Dr. G. Ventre. The Banquet is scheduled at Lord Chumley's at 6:30 p.m. Tickets are available from various executive committee members at a cost of \$9.75 each. Those selling the tickets are requested to report the status of ticket sales to George McClure. Herb Towle's report is included as Attachment D.

b. Membership Development - Frank Fluett reported that new membership flyers (Red) have been ordered from IEEE headquarters. He has also requested a list of IEEE members by Society and will follow up on it.

c. Publicity - No report.

d. Facilities and Arrangements - No report.

- e. Publications - Advertising business manager Bill Kowancki reported on receipt of \$120.00.
- f. Awards - Awards committee chairman, Bill Cram's report is attached in Attachment E.
- g. IEEE-FES Liaison - No report.
- h. Professional Activities - No report.
- i. Finance Committee - Inactive

6. Special Committee Reports

- a. Nominations - 1981 Nominations Committee Chairman, Russ Theisen's report is attached as Attachment F. Carl Schunemann moved and Don Mendorf seconded that the state of 1981-1982 Executive Committee members be accepted as submitted. The motion was carried.
- b. SOUTHCON - See Chairman's Report. Carl Schunemann suggested that Chuck Maness of Martin Marietta (Tel. 352-4312) may be a good candidate to support Ernie Erickson on Transportation committee. He did a very good job of arranging transportation for the attendees of Radar Camouflage Symposium for transportation between accommodation site on International Drive and the meeting site at the Naval Training Center.
- c. AUTOTESTCON '81 - George McClure reported that an exhibitor's kit is being prepared and several session chairman have been selected. General progress is good.
- d. Education - Education committee chairman, Fred Simon suggested three possible educational programs that can be organized. 1) Signal processing 2) Hand held calculator seminar and 3) Refresher program for Professional Engineer candidates. After some discussion, it was decided to have a two day seminar on Digital Signal Processing on Friday and Saturday in early/middle of June, 1981. Motion for such a course was made by Mannie Connell and seconded by Bill Cram. Motion was carried.
- e. Historian - No report.

7. Unfinished Business - Need someone for publications.

- 8. New Business - Don Mendorf called for help in further advertising the Tutorials by posting the flyer in your respective areas. He can supply additional copies of the flyer.

Need by-laws chairman.

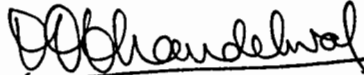
Need facilities and arrangements chairman.

9. Chairman's Report - See Attachment G.

Next meeting of the Executive Committee was set for March 3, 1981 at 5:30 p.m. at Stromberg-Carlson in Winter Park.

Deen Khandelwal moved and Carl Schunemann seconded for adjournment. Motion was carried and meeting was adjourned at 7:02 p.m.

Respectfully submitted,

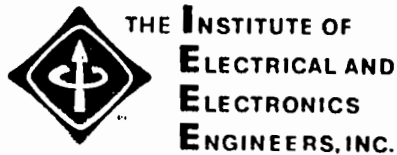


Dr. Deen D. Khandelwal
Act. Secretary
IEEE Orlando Section

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
2-3-81 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications. Don Mendorf
 - c. Computer. Joe Massett
 - d. Electron Devices. Mickey Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology. Mel Kelch
 - h. Student Branch. Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
5. STANDING COMMITTEE REPORTS:
 - a. Programs: Herb Towle
 - b. Membership Development. Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications.
 - Advertising Business Manager. Bill Kownacki
 - f. Awards: Bill Cram
 - g. IEEE-FES Liaison. Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities. Ben Patz
 - j. Finance Committee Mannie Connell
6. SPECIAL COMMITTEE REPORTS:
 - a. Nominations Russ Theisen
 - b. SOUTHCON. Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
8. NEW BUSINESS
9. CHAIRMAN'S REPORT George McClure
10. ADJOURNMENT



PLEASE REPLY TO
IEEE ORLANDO SECTION
Treasurer's Report

Statement of Account From 1 December to 1 January 1981

Checking	\$473.08
Savings	7461.20
Currency	0.00
Total	<u>7934.28</u>

Cash Recieved

Checking	\$5003.63
Savings	4460.20
Total	<u>\$9463.83</u>

Cash Disbursed

Checking	\$4943.21
Savings	4460.20
Currency	<u>\$9403.41</u>

Cash Balance as of 1 February 1981

Checking	\$538.50
Savings	7530.88
Currency	0.00
Total	<u>\$8069.38</u>

Statement of Income From 1 January to 1 February 1981

Florida Computer Tutorials	\$543.43
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Statement of Disbursements From 1 January to February 1981

Dryfus Liquid Assets	\$4460.20
U.S. Postmaster-Section Notes Acct	100.00
Herb Towles-Engr.Week Banquet Tick	12.28
Fred Simons-Fla.Computer Tutorial	124.67
Seminole House Printers	174.30
Deen Khandewahl-Electron Dev.Member	7.00
Joe Massett- Computer Society Exp.	29.76
Warren Deatrck-Engr. Week Apport.	35.00
Total	<u>\$4943.28</u>

Mannie Connell
Mannie Connell-Treasurer

IEEE Student Branch

Summary - February 3, 1981

January 15, 22, 29	Hand held Calculator Seminars HP and TI. 68 attendees.
-	Open house sponsored by Harris.
February 18-21	Engineering Fair
February 19	Leo Mallette - Hughes Aircraft GOES Satellite
February 5	Film and Presentation - Boeing
March 5	Field Engineering - Warner Robbins

Plans

- o May Speaker from G.E., Daytona Beach
- o May Tour of Comtech Antennas
- o Bendix Award Contest
- o "Satellite Receiving Project Feasibility Report"
- o Southeastcon Attendance
- o Fall '81 Solar Car Contest
- o Fall '81 Paper Contest
- o Buy handbooks for EEL 4702 from
INTEL and sell to students at a lower cost.
- o Bought and sold Floppies.

ORLANDO SECTION OF THE IEEE

PROGRAM AS OF FEB 3, 1981

REGARDING OUR ENGINEERS' WEEK MEETING ON FEB 21 AT LORD CHUMLEY'S PUB: DR. GERARD G. VENTRE, DIRECTOR OF THE TECHNOLOGY DIVISION OF THE FLORIDA SOLAR ENERGY CENTER WILL SPEAK TO US AND GIVE "AN ASSESSMENT OF SOLAR ENERGY.

WE MUST GIVE LORD CHUMLEY'S PUB A GOOD ESTIMATE OF THE NUMBER OF PEOPLE EXPECTED.

DR. RALPH GUNTER OF UCF WILL ADDRESS AN EVENING (NO DINNER) MEETING REGARDING THE PROPOSED "RESEARCH CENTER" AT 7:30 PM. ON WEDNESDAY THE 22ND OF APRIL AT THE ORLANDO PUBLIC LIBRARY

MR. C. R. MARCUM OF WESTINGHOUSE WILL BE OUR SPEAKER FOR OUR OFFICERS INSTALLATION MEETING MAY 22. HE WILL SPEAK ON THE PLANS FOR THE NEW WESTINGHOUSE FACILITY HERE IN ORLANDO. MR. MARCUM IS THE MANAGER OF PRODUCT ENGINEERING FOR THE STEAM TURBINE GENERATOR DIVISION.

THE DINNER WILL BE AT GARY'S DUCK INN. THEY WILL, UNFORTUNATELY, BE ABLE TO SEAT ONLY 66 PEOPLE. SO IT LOOKS LIKE A FIRST COME FIRST SERVED SITUATION. SEVERAL OTHER INNS WERE CONTACTED, BUT ALL WERE BOOKED FOR THIS DATE WHICH WE AGREED ON AT OUR LAST MEETING.

Executive Committee Meeting IEEE

February 3, 1981

Report

Awards Committee

The Awards Committee, consisting of Deen Khandelwal, Russell Thaisen, George McClive and the undersigned, met on Saturday, January 31, 1981 to select The Engineer of the Year for the Orlando Section, from the candidates submitted.

The selection has been made and will be announced at the Engineers Week Banquet on Saturday, February 21, 1981.

Respectfully submitted,

W. C. Cram, Chairman
Awards Committee



SECTION CORRESPONDENCE

February 3, 1981

The Nominations Committee consisting of Bill Cram, Ernest Erickson, and Russell Theisen as Chairman have selected a slate of nominees for the 1981-82 Executive Committee of the Orlando Section IEEE.

The nominees are:

Chairman	Dr. Benjamin W. Patz	(M'73)	U.C.F. 6576102
Vice-Chairman	Mr. Mannie R. Connell	(M'79)	A.E.S. 774 6688
Secretary	Mr. T.E.(Ed) Ellis	(S'43, M'48, SM'55)	823 0276 Stromberg Carlson
Treasurer	Mr. Joseph L. Massett	(M'76)	Martin Marietta 7169956

These nominees are qualified and have agreed to serve if elected.

 Russell E. Theisen, Chairman
 1981-Nominations Committee
 Orlando Section IEEE

CHAIRMAN'S REPORT

2/3/81

1. Russ Theisen, chairman of the Nominating Committee, has reported the following slate of nominees for office during the 1981-82 term:

Chairman	Ben Patz
Vice Chairman	Mannie Connell
Secretary	Ed Ellis
Treasurer	Joe Massett

All have been contacted, and agree to serve if elected. Serving on the Nominating Committee with Mr. Theisen were Dr. Ernest Erickson and Mr. Bill Cram.

2. The Central Florida Chapter of the Florida Engineering Society will hold their Engineer' Week banquet on Feb. 28 at the Holiday Inn on International Drive. Social starts at 6:00 PM with banquet and program starting at 8:00 PM. Tickets are \$17.50 each, and can be obtained from Dick Harden, 855-0881, at the South Orlando Campus of UCF, in Orlando Central Park, or Gene Lent, 645-5560.
3. The U. S. Activities Board will conduct a briefing on Federal R&D Funding for Fiscal Year 1982, on Feb. 19, at the Crystal City Marriott, in Arlington, VA, 1:30 PM. Contact Ruth Beach at the Washington office, 202/785-0017, if you can attend.
4. Advance Exhibitor information has been released on SOUTHCON'82 in Orlando, listing booth prices at \$1400 - 1500, for a 9 X 10 foot booth. There will be between 400 and 774 booths. Officers are:
 - Convention Director: Dr. Bruce Mathews
 - Transportation Committee: Dr. Ernest Erickson
 - Host Committee: Vernon Powers (Chairman, FCIEEE)
 - Program Committee: Dr. Eugene Chenette (U of F)
 - Public Relations Committee: Arthur Greene (FCIEEE and Canaveral Section, phone 305/867-2520 (office))
 - Chairman of the Board of Directors: Ron J. Wojtasinski, 305/783-2689
5. The FCIEEE has requested that each Section in Florida name a member of the section as a member of each of the SOUTHCON'82 committees, with multiple members for the program committee. This information is required by Ron Wojtasinski by Feb. 12.
6. ECLECTIC'81 will be held in Ft. Walton Beach on Feb. 25-27, at the Ramada Inn (rooms cost \$28-32). There will be five tutorials offered, on subjects including data communications, microprocessors, thick film hybrids, microprocessors for managers (by Ray Glenn of Harris), and two tutorials on the Ada programming language. Sam Hargrove, of the University of West Florida, will describe microprocessor applications at Monsanto. There will also be exhibits at ECLECTIC. Carolyn Schauble is chairman of the conference, phones 904/882-5614 (ofc), 904/678-5841 (home). An advance program is expected in the mails shortly.
7. Ron Waters, FCIEEE PAC chairman, is available to speak to section PAC committees, on topics including pensions, PAC, registration laws, and service contracts. Contact him at Harris Semiconductor. There are plans for the FCIEEE to put out a PAC newsletter, for inclusion in section newsletters. It will be prepared in camera-ready copy form. Later plans include a newsletter with information about Florida Council activities, to be prepared in the same way, to acquaint Florida IEEE members with the benefits gained from activities of the FCIEEE.

IEEE ORLANDO SECTION
Treasurer's Report

Statement of Account From 1 January to 1 February 1981

Checking	\$538.50
Savings	7530.88
Currency	0.00
Total	<u>8069.38</u>

Cash Recieved

Checking	\$1968.78
Savings	<u>1000.00</u>
Total	\$2968.78

Cash Disbursed

Checking	\$1899.47
Savings	<u>969.03</u>
Total	\$2868.50

Cash Balance as of 1 March 1981

Checking	\$602.81
Savings	7530.88
Currency	0.00
Total	<u>\$8133.69</u>

Statement of Income From 1 February to 1 March 1981

Engineer's Award Banquet	\$399.75
Fluke-Section Notes Advertising	<u>600.00</u>
Total	\$999.75

Statement of Disbursements From 1 February to March 1981

Dryfus Liquid Assets	\$1000.00
Carl Shuneman-MIT Expenses	64.20
Lord Chumleys-Awards Banquet	487.20
Seminole House Printers	290.16
Deen Khandewahl- Electron Dev. Expenses	48.28
George McClure-Banquet Expenses	<u>9.63</u>
Total	\$1899.47

Secretary

Mannie Connell-Treasurer

IEEE Orlando Section
Executive Committee Meeting
March 3, 1981

The meeting was called to order by the Section Chairman, George McClure at 5:30 p.m. Other attendees were: Deen Khandelwal, Russ Theisen, Ed Ellis, Bill Cram, Gerald Becker, Everett Hales, Clark May, Don Mendorf, Frank Fluet, Bill Kownacki, Mannie Connell, Ernest Erickson and Heidi Flinchbaugh. Meeting agenda is attached as Attachment A.

1. Minutes of February 3, 1981 meeting: Don Mendorf moved the motion to accept the minutes as they are. Russ Theisen seconded the motion and passed.
2. Treasurers report was presented by Mannie Connell, It showed a balance of \$8133.69 as of March 1, 1981. The report was accepted and is included as Attachment B.
3. Society Chapter Reports
 - a. AES - Everett Hales reported that a joint meeting with the computer society is scheduled for March 11, 1981.
 - b. Communication - Don Mendorf reported on the planned society meeting as Tour of the Southern Bell Number 4 E.S.S. Digital Switch on March 30, 31 and April 1, 1981. Attendance is by reservations only. For reservation and further information call 339-1600. Nominations for the society officers have been submitted to George McClure, Section Chairman.
 - c. Computer - Society report submitted by Joe Massett was presented by George McClure and is attached as Attachment C. March 18, 1981 meeting and tutorial week during the week of April 6 should be noted.
 - d. Election Devices - No report
 - e. MTT - No report
 - f. Power Engineering and Industrial Application - No report
 - g. Vehicular Technology - No report
 - h. Student Branch - Jerry Becker reported that they are considering sending two persons to SOUTHEASTCON for interactions on regional and national activities. They are concerned about expenses involved and are presently considering various alternatives. They do want to save money for some good project next year. Russ Theisen moved and Bill Craim seconded the motion that the section authorize to cover round trip air fare for one person (approximately \$201.00) and let the student branch decide how to use the money. The motion was carried. Student branch is also planning to man the Photovoltaic Specialist conference in May, 1981.

4. Standing Committee Reports

- a. Programs - George McClure reported that Dr. Ralph Gunter will speak on "UCF Research Park" April 22, 1981 at Orlando Public Library at 7:30 p.m.
- b. Membership Development - Frank Fluett reported that he has received a new listing of members of the Orlando Section and it can be used to prepare society chapter members list. He has also received new membership information and other promotional material. Our Section membership now stands at 817. Deen Khandelwal moved and Russ Theisen seconded the motion that the section send a welcome note to all new members above the student member grade who join the section and a note to congratulate those who are promoted to a higher grade and that the section chairman appoint the person to accomplish this. The motion was carried.
- c. Publicity - No report. Section Chairman George McClure brought two "news item about engineers" in the local newspaper "Sentinel Star". These items are included as Attachment D
- d. Facilities and Arrangements - No report
- e. Publications - No report
- f. Awards - Bill Cram reported on the awards made during the awards banquet. Total expenses related to awards were \$80.67. George McClure reported that six IEEE fellows also attended the Banquet as guests and we have received a letter of appreciation from one of them (David Ralph).
- g. IEEE - FES Liaison - No report
- h. Profession Activities - Ed Ellis asked for interest in a presentation on national activities related to IRA, pension etc. On the basis of interest expressed by the membership present, he said that a meeting on the subject will be planned during May and Ron Waters, PAC Chairman of Florida Council of IEEE will be invited to talk. It was suggested that we inform Florida Council for Publicity for this talk in other IEEE sections in Central Florida.
- i. Finance Committee - No report

5. Special Committee Reports

- a. Nominations - Russ Theisen reported that at least one petition candidate is expected. George McClure read the related bylaws.
- b. SOUTHCON '82 - No report. George McClure said that we need many volunteers. Please contact Bruce Mathews, conference Director.
- c. AUTOTESTCON '81 - George McClure report that some abstracts have been received and the due date has been extended. About 100 papers are expected. Conference committee meeting is scheduled for March 10 and Board of Directors of AUTOTESTCON have asked for a tour of the hotel facilities in April.
- d. Education - George McClure submitted the report prepared by Fred Simons about the details of the Digital Signal processing workshop.

These details along with the planned budget are included in Attachment E. During the review of the planned budget, Russ Theisen and Ernie Erickson expressed their interest in cutting the cost down and Ben Patz said that the honorarium is very enticing. Go-ahead will be given at the April meeting.

- e. Historian - Russ Theisen reported that he still needs Dec, Jan and Feb issues of section notes for archives. He confirmed that the IEEE Orlando Section banner is with George McClure and the section plaque is still with Dick Harden.

6. New Business

George McClure asked if the bylaws changes proposed by the section are ready and Ben Patz said that the preparations do not permit discussion at this time. Regarding PAC workshop in Washington DC, Ed Ellis said that he would not be able to attend but Ben Patz may make it..

Deen Khandelwal requested the committee and chapter chairmen to submit a written report on the activities. Subsequently Bill Cram moved and Russ Theisen seconded that either the written reported be submitted in advance or written reports be submitted after oral presentations. Motion passed.

- 7. Chairman's report - See Attachment F
Tutorial week. Hotel room reservation deadline is this week and the volunteers will be provided free meals.

Next meeting of the Executive committee was set for April 7, 1981 at 5:30 p.m. at Stromberg - Carlson in Winter Park.

Russ Theison moved to adjourn the meeting. Motion was carried and the meeting was adjourned at 6:50 p.m.

Respectfully submitted,

D.D. Khandelwal

Dr. Deen D. Khandelwal
Act. Secretary
IEEE Orlando Section

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
3-3-81 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Mickey Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications Charles Curley
Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
 - g. IEEE-FES Liaison Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities Ben Patz
 - j. Finance Committee Mannie Connell
6. SPECIAL COMMITTEE REPORTS:
 - a. Nominations Russ Theisen
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
8. NEW BUSINESS
9. CHAIRMAN'S REPORT George McClure
10. ADJOURNMENT

IEEE ORLANDO SECTION
Treasurer's Report

Statement of Account From 1 January to 1 February 1981

Checking	\$538.50
Savings	7530.88
Currency	0.00
Total	<u>8069.38</u>

Cash Received

Checking	\$1968.78
Savings	<u>1000.00</u>
Total	\$2968.78

Cash Disbursed

Checking	\$1899.47
Savings	<u>969.03</u>
Total	\$2868.50

Cash Balance as of 1 March 1981

Checking	\$602.81
Savings	7530.88
Currency	0.00
Total	<u>\$8133.69</u>

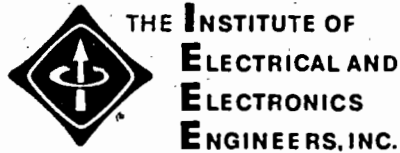
Statement of Income From 1 February to 1 March 1981

Engineer's Award Banquet	\$399.75
Fluke-Section Notes Advertising	<u>600.00</u>
Total	\$999.75

Statement of Disbursements From 1 February to March 1981

Dryfus Liquid Assets	\$1000.00
Carl Shuneman-MIT Expenses	64.20
Lord Chumleys-Awards Banquet	487.20
Seminole House Printers	290.16
Deen Khandewahl-Electron Dev. Expenses	48.28
George McClure-Banquet Expenses	<u>9.63</u>
Total	\$1899.47

Mannie Connell
Mannie Connell-Treasurer



REPORT OF ORLANDO CHAPTER,
COMPUTER SOCIETY

PLEASE REPLY TO

2 March 1981

A meeting was held at the Orlando Public Library on 19 February, with 14 attending. The program, on the subject of "Electronic Mail," was presented by Dr. J. Divilbiss, head of Library Data Systems for the University of Illinois.

The next meeting is scheduled for 18 March. The program will be "Software Intense Trainers." The speakers will be Dr. R. Johnson and J. Rickstuhl, from the Naval Training Equipment Center. The location will be the Orlando Public Library.

Planning is underway for an April meeting for the Computer Society Orlando Chapter.

Heavy advance registration is being experienced for the Tutorial Week East 81, sponsored by the Computer Society, being held the week of 6 April at the Orlando Marriott Hotel. There is a limit of 100 persons on registrations for each tutorial, so early reservations are recommended.

Joe Massett

352-3408

ENGINEERS IN THE NEWS

Opinion

Sentinel Star

HAROLD R. LIFVENDAHL, *President*
JAMES D. SQUIRES, *Editor*

STEPHEN R. VAUGHN, *Managing Editor*
L. JOHN HAILE JR., *Editorial Page Editor*

WILLIAM B. DUNN, JULIA C. WILSON,
JAMES P. TONER, J. RANDOLPH MURRAY
Deputy Managing Editors

Orlando, Florida, Monday, February 23, 1981

Fill the need

NATIONAL Engineers Week (Feb. 22-28) should be observed in Central Florida by noting that a governor's study commission estimates that Florida's present industries will require 23,000 engineers during the next five years. The same study says that Florida's university system now can produce about 1,000 engineers a year in the three most needed categories, but that only 50 percent of those remain in the state.

The shortage of engineers, which is national, is an effect of the recent past. The de-emphasis of defense and space programs by the federal government in the 1970s resulted in large unemployment in engineering, which influenced many Americans of college age to enter other fields. At the same time, the general mood on the campuses during the Vietnam era was anti-capitalist and this contributed to the massive shift toward the social sciences and humanities.

Today, the nation has an excess of social scientists and a shortage of engineers. No doubt there will be plenty of studies of the effects of this imbalance, one of which is a decrease in productivity and another of which is a dangerous decrease in the capability of the nation's industries to meet national defense needs.

Engineers are, in essence, problem-solvers. The nation needs them. One problem for the social and political scientists to solve in 1981 is how to produce the engineers.

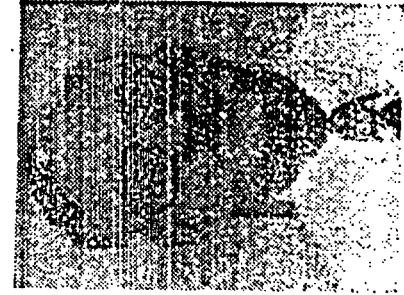
Engineers present top awards

Roland Lee, marketing vice president at Hubbard Construction Co., was recognized as the Central Florida "Engineer of the Year" Saturday night by the Central Florida Chapter of the Florida Engineering Society.

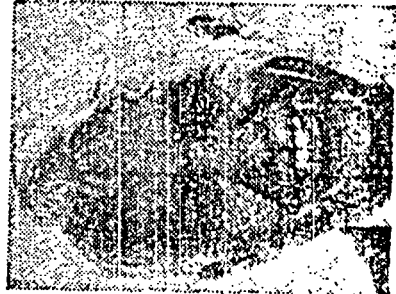
At the annual Engineers Week Banquet held at the Holiday Inn on International Drive, Lee was honored for his "dynamic leadership and expertise."

Arthur Batson, design technician in the City of Orlando engineering department, was named Engineering Technician of the Year and recognized for his "technical contributions" to city improvement projects.

Glace and Radcliffe Inc., Winter Park, was named the Outstanding Organization of the Year for "innovative design in advanced wastewater treatment" which



Arthur Batson



Roland Lee

eliminate the need for chemicals. The firm also received a National Honors Award last year for Engineering Excellence.

18/1/5

Proposed Workshop

on

DIGITAL SIGNAL PROCESSING

Time: Two days, Friday & Saturday
 9-12:30 | 1:30-4:30
 TBA for June

Handout Material:

1. Text: 2920 Analog Signal Processor Design Handbook.
2. Notes: Discrete Modeling and Difference Equations.
3. Papers: Discrete Model and Digital Filter Hand-Held Computer Program Aids.

Subjects:

1. Review of Continuous Models.
2. Intro to $H(z)$, Discrete Models and Difference Eqs.
3. Review of Analog Filters
4. Sampling and Conversion Concepts and Techniques
5. Digital Filter and/or Controller Design and Synthesis - Including hardware implementation.
6. Introduction to FFT algorithms.

Special Features

1. A complete filter design, from specification to implementation with the Intel 2920, a single chip processor.
2. Specialized hand-held computer programs that serve as $H(z)$ (discrete system) model analysis tools or as aids to signal processor designs.

Instructors: 1. Dr. Fred O. Simons, Jr.; PE
 2. Dr. Richard C. Hardin; PE

Professors of Engineering for UCF

Location: UCF SOC in Orlando Central Park

Fee: \$195.00 per registrant (Discounts for Multiple Registrants).

Sponsors: UCF & IEEE

Contact: Mail Registrant Checks to: UCF - College of Extended Stud.
 Enrollment will be limited. Orlando, FL 32816
 (305) 275-2123
 - 1 - L AND E PL

BUDGET

Costs (based on 20 registrants)

Dr. Simons (Instructor & Organizer)	\$ 1,200.00
Dr. Harden (Assistant)	300.00
Coffee & Donuts (AM) & Soft Drinks (PM)	80.00
Texts & Notes & Paper Reprints	300.00
Lunch (2 nd Day)	120.00
Mailing and Advertising	500.00
TOTAL	<u><u>\$2500.00</u></u>

Income

$$20 \times \$190 = \$3,800$$

(allow some multiple Registrants)

Profits (Based on 20)

$$\begin{array}{r} \$3,800 \\ - 2500 \\ \hline \$1,300. \end{array}$$

1/3 Profits to IEEE

1/3 " " UCF College of Extended Studies

1/3 " " COE Faculty Travel Accts

CHAIRMAN'S REPORT

1. Three student members were selected, with the aid of Dr. Fred Simons, to attend the Tutorial Week 81 East and to have one tutorial each paid for by the Orlando Section. One of the three declined the offer, volunteering instead to pay for his own tuition. The two attending courtesy of the Section are Tom Toor and Linda Coulter. The cost to the Section is \$170.00, total.
2. Six of the Fellows in the Orlando Section, and their wives, were guests of the Section at the February 21 awards banquet. This was the largest turnout in memory for Fellows, and one wrote in a letter of appreciation later that the banquet provided a rare opportunity for the retired Fellows to socialize with each other. In previous years, we had invited the Fellows to the Installation Banquet instead, and since that occurs in June (usually), many of the Fellows are away from the area then. The total attendance at the February meeting was 56. There are now 16 Fellows in the Section.
3. Volunteers are still needed to serve on the SOUTHCON'82 committees for Orlando. The committees and their chairmen are:

Transportation-	Dr. Ernie Erickson
Host-	Vernon Powers
Public Relations-	Art Greene
Program-	Dr. Gene Chenette

One volunteer is required for each committee except Program, which requires several assistants. The Transportation committee arranges local transportation for VIPs and other attendees, while the Host committee sees to other arrangements for VIPs. Further information is available from Ron Wojtasinski at 305/867-4020 (office). Volunteers should submit names to George McClure, 352-3782.

4. Headquarters statistics show the Orlando Section has 817 active members as of the end of January 1981, up from 754 a year ago, an increase of 8.35 percent. Six members resigned in January 1981, compared with four a year ago.
5. Mark your calendar for the Section meeting on 22 April at the Orlando Public Library (7:30 PM), when Dr. Ralph Gunter will describe the proposed "Research Center" at UCF. An advance notice of this meeting was not in the March Section Notes.
6. The national PAC Workshop is scheduled for July 10-12. The location will be announced later. Attendance of local PAC chairmen can be coordinated through the regional PAC representative (Ron Wojtasinski).
7. The Region 3 Regional Committee will meet during SOUTHEASTCON'81 in Huntsville, Alabama, on Monday, April 6, from 1:30 to 5:00 PM. A Regional PAC Workshop will be held there on Tuesday morning, April 7, from 9:00 AM to noon. Ben Patz will attend the Regional Committee meeting for the Orlando Section. A vote will be taken on proposed by-law changes then.

GFM

3/3/81

Deen

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
4/7/81 5:30PM

- 1. MINUTES APPROVAL
- 2. TREASURER'S REPORT Mannie Connell
- 3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
- 4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Mickey Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
- 5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications Jerry Kopensky
 - Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
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 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
- 7. UNFINISHED BUSINESS
- 8. NEW BUSINESS
 - a. IEEE Awards Restriction to IEEE Members Deen Khandelwal
 - b. Movement of Section Funds within Approved Accounts Mannie Connell
 - c. Validity of Vote on IEEE Constitutional Amendment (See Chmn's Rpt.)
 - d. Lack of IEEE Member Vote on Joining AAES (See Chmn's Rpt.)
- 8. CHAIRMAN'S REPORT
- 9. ADJOURNMENT

CHAIRMAN'S REPORT
April 1981

1. The 1981 Engineers' Public Affairs Forum, co-sponsored by IEEE, will be held 13-15 April in Washington, D.C. See attached program.
2. Volunteers are still needed to serve on the SOUTHCON'82 committees for Orlando. The committees and their chairmen are:

Transportation-	Dr. Ernie Erickson
Host-	Vernon Powers
Public Relations-	Art Greene
Program-	Dr. Gene Chenette

Several volunteers are sought for Programs, while only one is needed for each of the other areas. The Transportation committee arranges local transportation for VIPs and other attendees, while the Host committee sees to other arrangements for VIPs. Those interested in further information or in signing up should contact George McClure, 352-3782.

3. Robert Rivers, a Fellow of IEEE, has challenged the validity of the declaration by IEEE's General Manager that the Constitutional Amendment voted on at the last election had been passed. His complaint and request for section support are attached.
4. A certificate to Gayle Lee Fairless, expressing the gratitude of the Orlando Section for his service as Section Notes Editor, 1977-79, has been received and will be forwarded to him.
5. Dr. Ben Patz will represent the Orlando Section at SOUTHEASTCON, attending the Region 3 meeting (including voting on changes in bylaws), the PAC meeting, and the meeting of the Region 3 Membership Development representatives. The goal for membership growth in Region 3 during 1980 was 7%; The attained figure was 6.4%, 125 members short of the goal. The figures are attached. The goal for 1981 is 3% growth in Region 3.

Contacting members in arrears is vital in encouraging them to continue their memberships. To that end, Field Services has been requested to send all "pink sheets" with member change activity to Frank Fluet, so that he will be alerted to any needed followup. He has also put into effect a plan to send a letter of welcome to all new members in the Section.

6. The Reliability Physics Symposium will be conducted at the Sheraton Twin Towers, 7-9 April. The 15th IEEE Photovoltaic Specialists Conference will be held at the Orlando Hyatt Hotel, 12-15 May. General Chairman is Dr. Charles Bishop, Solar Energy Research Institute, Golden CO, (303) 231-1018.
7. The deadline for receipt of applications to be considered for a IEEE Congressional Fellowship is 30 April. Tom Suttle at the Washington office has forms and information. (202)785-0017.
8. A new Membership Development Guide for Sections, dated January 1981, has been received from Headquarters.

9. No nominations by petition for Section office had been received by the Chairman by the announced deadline, 1 April, so that the slate of officers submitted by the Nominations Committee and approved by the Executive Committee is unchallenged.
10. A circular has been received from Irwin Feerst expressing interest in appearing on a Section program to discuss the decision to have IEEE join the AAES without a vote of the IEEE membership. He has such an invitation from the Canaveral Section (Horst Pohler) but needs others to minimize the burden on one section of having to pay his entire travel expenses.

The attached editorial from the 4 March issue of EDN (Electronic Design News) addresses the issue. The Chairman's Corner in our April Section Notes asks for an expression of local member opinion on the subject. If the opinion is strongly opposed, the section may wish to consider going on record in opposition through a resolution to the IEEE President.

11. A schedule conflict forces the absence of George McClure from the April Executive Committee meeting. It occurs at the same time as the Board of Directors' meeting for the Vehicular Technology Society in Washington, during their annual conference. As a board member and Transactions Editor for VTS, George McClure felt obligated to attend that meeting. Thanks go to Mannie Connell for chairing this meeting.

GFM

3/4/81

TELEPHONE NUMBER CHANGES

Fred Simons	275-2405 (ofc.)
Jerry Kopensky	352-1300 ext. 6274 (ofc.)
Mannie Connell	351-4691 (ofc.)
Russ Theisen	352-3177, -2751 (add'l. ofc. number)
Bill Cram	Delete office number

1981 ENGINEERS' PUBLIC AFFAIRS FORUM



MONDAY, APRIL 13

SESSION:

Opening Session

TIME/PLACE:

7:00 p.m.; Concord Room

TOPIC:

"The Task of Revitalizing Technological Innovation"

SPEAKERS:

Congressman Henry S. Reuss* (D-WI) *Chairman*, Joint Economic Committee; Jiro Aiko, *Commercial Minister*, Embassy of Japan; John Kendrick, *Economist*, George Washington University

Noted economist John Kendrick will summarize his 99 policy recommendations for promoting productivity growth in America. Chairman Reuss, whose Committee made no fewer than 514 recommendations bearing on technological innovation, will give his view of the legislative prospects for this flurry of ideas.

Mr. Aiko will clarify the often cited relationship that the Japanese government maintains with its industry to promote innovation.

SESSION:

Cocktail Reception

TIME/PLACE:

8:15 p.m.; Yorktown

TUESDAY, APRIL 14

SESSION:

Breakfast Meeting

TIME/PLACE:

8:00 a.m.; Rayburn House Office Building, Room B-338

TOPIC:

"The Legislative Agenda for Revitalizing Industry"

SPEAKER:

Henry A. Waxman (D-CA)

As a member of the Committee on Interstate & Foreign Commerce and Chairman of the Subcommittee on Health and the Environment, the Congressman will address proposed legislation aimed at reviving the nation's industrial base, in particular, how reauthorization of the Clean Air Act will affect these efforts.

**Invited, not confirmed.*

SESSION:

Breakouts: Five Concurrent Discussion Sessions

TIME:

9:45 a.m. to 11:45 a.m.

TOPIC A:

"Industry in the Year 2000"

SPEAKER:

Joseph Engelberger, *President*, Unimation, Inc.

Mr. Engelberger, often referred to as "Mr. Robot," will describe automated industry of the future and discuss the public policy implications involved in the transformation ahead.

TOPIC B:

"NASA's Impact on Future Technology"

SPEAKERS:

James Kramer, *Manager*, Strategic Planning & Development Operation, General Electric Aircraft Engines Group; Ivan Bekey, *Director*, Advance Programs, Office of Space Transportation Systems, National Aeronautics and Space Administration; Robert Frosch, *President*, AAES, Program Moderator

Looking at the future of space travel and the technological payoffs, Mr. Bekey will address the long range plan for space transportation and facilities and Mr. Kramer will discuss the systems approach to energy conservation as exemplified in the NASA aircraft energy efficiency program.

TOPIC C:

"Surface Transportation: Needs and Funding Priorities"

SPEAKERS:

Raymond Barnhart, *Administrator*, Federal Highway Administration; Walter Kraft, *Chairman*, ASCE National Transportation Policy Committee;

Daniel S. Hanson, *President*, American Road and Transportation Builders Association; Neilon J. Rowan, *President*, ITE, Program Moderator

This panel will look first at the intentions of the Congress and the new Administration regarding surface transportation policy and fundings and then focus on the technological innovations currently being developed.

TOPIC D:

"Integrating Old and New Energy Technologies"

SPEAKERS:

Claude Hocott, Gulf University Research Consultants; Charles Baker, Argonne National Laboratory; F. S. Patton, Union Carbide Corporation; Robert T. Jaske, *Chairman CCE 1980*, Program Moderator

Innovative approaches to mixing new and old technologies in secondary and tertiary recovery techniques as reviewed by three experts in the field.

TOPIC E:

"The Minerals and Materials Crisis"

SPEAKERS:

John D. Morgan, U.S. Bureau of Mines; Paul Maxwell, House Subcommittee on Science & Research Technology; Allen Gray, *Technical Director*, ASM, Program Moderator

The Materials Policy Act of 1980 (PL 96-479) initiated a first step in addressing a national crisis that this panel will review and then explore the next round of public policy decisions.

SESSION:

Luncheon

TIME/PLACE:

12:30 p.m.; Columbia Ballroom

TOPIC:

"Deregulation in the Reagan Administration"

SPEAKER:

James Miller, *Deputy Administrator*, OMB

Currently the chief staffer for the Regulatory Task Force headed by Vice President Bush, Mr. Miller will provide a work-in-progress report on the Administration's effort to reduce the burden of federal regulations and its intended impact on American industry.

SESSION:

Plenary SESSION

TIME/PLACE:

2:30 p.m. to 3:45 p.m.; Yorktown-Valley Forge

TOPIC:

"Obstacles in the Practical Application of Technology"

SPEAKERS:

Robert Hughes, *President, Associated Universities*;
 Arthur Bueche, *Senior Vice President, Corporate
 Technology, General Electric Corporation*; William
 Perry, *former Undersecretary of Defense for Re-
 search and Engineering*

Each speaker will discuss the development and
 application of technology from their respective areas:
 the research university, industry, and the military sec-
 tor of the government. They will then explore the
 growing demand for greater cooperation among
 these sectors, the obstacles that inhibit cooperation,
 and the public policy decisions needed to overcome
 them.

Coffee Break

SESSION:

"Face the Profession"

TIME:

4:00 p.m. to 5:00 p.m.

A panel of journalists will question the speakers from
 the previous session on the issues they addressed.

SESSION:

Congressional Reception

TIME/PLACE:

6:00 p.m. to 8:00; Cannon House Caucus Room
 Cocktails and conversation with members of Con-
 gress, their staffs, and key agency officials.

WEDNESDAY, APRIL 15**SESSION:**

Congressional Hearings

TOPIC:

"The Developing Crisis in Engineering Manpower"

TIME/PLACE:

9:30 a.m.; Science & Technology Committee Hearing
 Room, 2325 RHOB
 Congressman Don Fuqua, Science & Technology
 Committee Chairman, will hold hearings on the de-
 veloping crisis in engineering manpower. Witnesses
 will include representatives from industry and gov-
 ernment.

SESSION:

Luncheon

TIME/PLACE:

12:00; Columbia Ballroom

TOPIC:

"American Prosperity: the Reagan Plan"

SPEAKER:

Vice President George Bush*

SPONSORING SOCIETIES

American Association of Cost Engineers
 American Association of Engineering Societies
 American Congress on Surveying and Mapping
 American Institute of Aeronautics and
 Astronautics
 American Institute of Industrial Engineers
 American Nuclear Society
 American Society of Agricultural Engineers
 American Society of Civil Engineers
 American Society for Engineering Education
 American Society of Heating, Refrigerating and
 Air Conditioning Engineers
 American Society for Metals
 American Society of Mechanical Engineers
 American Society for Quality Control
 Federation of Materials Societies
 Illuminating Engineering Society
 Institute of Electrical and Electronics Engineers
 Institute of Transportation Engineers
 The Metallurgical Society of AIME
 National Society of Professional Engineers
 Society of Automotive Engineers
 Society of Fire Protection Engineers
 Society of Manufacturing Engineers
 System Safety Society

REGISTRATION

For hotel reservations, phone the Hyatt Regency
 Hotel 202/737-1234.

Register now for the 1981 Engineers' Public
 Affairs Forum at the Washington Hyatt
 Regency Hotel, April 13-15, 1981.

Enclosed is my check for \$165.

**1981 ENGINEERS'
 PUBLIC AFFAIRS FORUM**
 2029 K Street, NW, Washington, D.C. 20006

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

**1981
 ENGINEERS'
 PUBLIC AFFAIRS
 FORUM****ADVANCE PROGRAM**

April 13-15, 1981

Hyatt Regency Hotel
 Washington, D.C.



COMPLAINT

From: Robert A. Rivers, F. IEEE
Main St.
Union, N. H. 03887 603-473-2523

Against: IEEE
345 E. 47th St.
New York, NY 10017

Background

The Institute of Electrical and Electronics Engineers' Board of Directors proposed a Constitutional Amendment. The amendment was to change the election of a President to the election of a President Elect with automatic succession to the presidency. Other changes proposed were removal of Election deadlines from the Constitution to the By-Laws that are completely under the control of the Board of Directors. I was the opposer to the amendment in the published Ballot material.

The present constitution requires that a Constitutional amendment must have 2/3 of the Ballots cast in favor of the amendment. The Constitution also provides for a Tellers Committee that supervised the election and announces the results.

The Tellers Committee reported the following:

1. 36,060 Ballots were returned
2. 35,334 Ballots were valid having properly signed exterior envelopes
3. 23,353 Ballots were in favor of the amendment (223 short of the required 2/3)
4. 9,514 Ballots were explicitly against the amendment
5. 2,487 Ballots were blank on the issue
6. 160,965 Ballots were sent to the membership
7. The Individuals who were the winning candidates
8. The amendment failed to pass

The General Manager (Herz) of the Institute, a paid staff member, not an elected official or an Election Official, ignored the Tellers Committee and announced to the public and to the Board of Directors that the amendment had passed and caused the statement to be attributed to Election Officials.

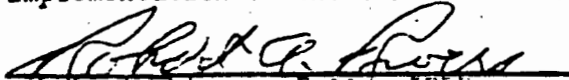
The Board of Directors at its December meeting passed over the declaration of the the Tellers Committee as to the amendment and accepted its declaration as to winners of offices. It accepted the declaration of the General Manager that the Constitutional Amendment had passed.

The following is a list of the presently known irregularities:

1. 23,353 Votes in favor is not the required 2/3 of 35,334 Ballots
2. The General Manager caused to be uttered statements to the membership, the public, and the Board of Directors that the Election Officials stated that the amendment passed, whereas the only properly constituted Election Officials were the Tellers Committee and they had declared the amendment to have failed.
3. The General Manager (Herz) ignored my complaint of Nov. 13 requesting him to withdraw his unauthorized statements.
4. The Board of Directors by improper parliamentary procedures ignored a motion with a second that would have accepted the Tellers' Committee report in whole thereby sealing the defeat of the amendment.
5. The Board of Directors usurped the authority of the Tellers' Committee and accepted the public position of the General Manager that the amendment had passed. It did so with the full knowledge that the properly constituted Tellers Committee had stated that it failed.

REQUESTED ACTION

That your office investigate the above mentioned irregularities in violation of the of the Constitutional Rights of the members of the IEEE. I request that you obtain agreement that the Tape Recordings of the Board of Directors Meeting be maintained. I further request that your office obtain a permanent injunction against adoption or implementation of the Constitutional Amendment.


Robert A. Rivers, Fellow IEEE

Dec. 12, 1980

To All IEEE Section Chairmen and Chairwomen:

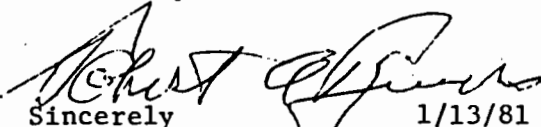
Subject: Irregularities with Constitutional Amendment

The Constitutional Amendment proposed at the last election would deprive you of the right to know when elections for your Director and your President would be held. By my count and by the statement of the IEEE Tellers Committee, the amendment failed to get the required 2/3 in favor and failed to pass.

The General Manager (Herz) supported by his legal counsel said that it passed by saying that ballots are only those voting on an issue, not all of the valid returned ballots. The Board of Directors at its December meeting declared that it passed. We are dealing with a fundamental right to know with surety when elections will be held. The amendment removed the deadlines from the Constitution and relegated them to the By-Laws over which you as a member have no control or present and timely information. You cannot even see the current by-laws by right until the next board meeting when the previous minutes have been accepted. Do not be misled into thinking that this was just a housekeeping amendment and merely changing the President to President Elect.

The members of the Tellers Committee have referred the matter to the Credentials Committee. I have filed a complaint with the Attorney General of the State of New York. Your support is needed.

Neither the irregularities in the ignoring of the Tellers Committee, the Declaration by the Staff Director (Herz), nor the Board's decision should be allowed to stand unchallenged. Please contact your Director, determine the facts, relate those facts to what you know and want done, and advise your Director what you think should be done. If time permits, it would be well to take this up at your executive committee meeting. I also enlist the support of any resident of the State of New York in supporting my complaint to the office of the Attorney General. Please do so by signing the complaint and sending it to the address indicated at the top of the enclosure.


Sincerely

1/13/81

Robert A. Rivers
P. O. Box 68
Union, NH 03887
603-473-2323

cc Pac Chmn

Region 3 Membership Status Report 1980

Section	Members on 12/31/79	7% Increase Goal for 12/31/80	12/31/80 Actual	New Members Needed
<u>Area 1</u>				
09 Central Virginia	477	510	519	9
23 Hampton Roads	539	577	622	45
59 Richmond	474	507	476	(31)
65 Virginia Mountain	654	700	659	(41)
Total Area 1	2144	2294	2276	(18)
<u>North Carolina Council</u>				
67 Central North Carolina	241	258	246	(12)
69 Charlotte	621	665	667	2
71 Eastern North Carolina	1048	1121	1108	(13)
73 Western North Carolina	120	128	118	(10)
75 Winston-Salem	198	212	173	(39)
Total NCC	2228	2384	2312	(72)
<u>Area 3</u>				
03 Atlanta	2145	2295	2321	26
61 Savannah	97	104	90	(14)
Total Area 3	2242	2399	2411	12
<u>Florida Council</u>				
07 Canaveral	791	846	917	71
17 Florida West Coast	1341	1435	1455	20
19 Fort Walton	150	160	155	(5)
21 Gainesville	246	263	291	28
27 Jacksonville	178	190	185	(5)
35 Miami	826	884	880	(4)
51 Orlando	750	803	816	13
53 Palm Beach	516	552	574	22
55 Panama City	127	136	154	18
57 Pensacola	108	116	98	(18)
77 Daytona	158	169	175	6
89 Broward	602	644	652	8
Total FC	5793	6198	6352	154
<u>Area 5/Tennessee Council</u>				
11 Chattanooga	299	320	348	28
13 East Tennessee	816	873	849	(24)
15 Evansville-Owensboro	320	342	299	(43)
29 Lexington	253	271	233	(38)
31 Louisville	557	596	609	13
33 Memphis	507	543	511	(32)
37 Middle Tennessee	94	101	80	(21)
43 Nashville	464	496	508	12
49 Oak Ridge	175	187	204	17
Total Area 5/TC	3485	3729	3641	(88)
<u>Area 6</u>				
01 Alabama	873	934	887	(47)
05 Baton Rouge	355	380	397	17
25 Huntsville	737	789	769	(207)
39 Mississippi	412	441	414	(27)
41 Mobile	216	231	231	0
45 New Orleans	799	855	830	(25)
Total Area 6	3392	3630	3528	(102)
<u>Area 7/South Carolina Council</u>				
81 Central Savannah River	102	109	90	(19)
83 Coastal South Carolina	288	308	312	4
85 Columbia	307	329	304	(25)
87 Piedmont	363	388	417	29
Total Area 7/SCC	1060	1134	1123	(11)
Total Region 3	20344	21768	21643	(125)

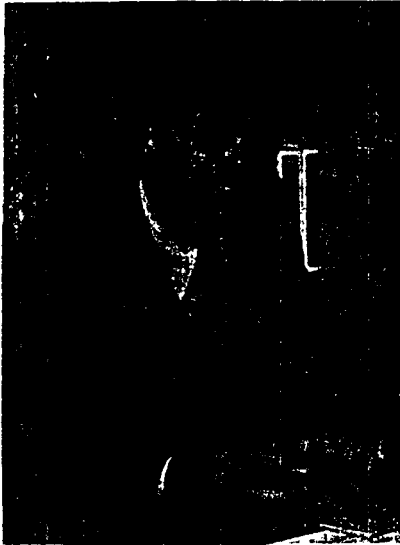
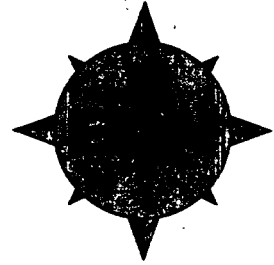
REGION 5 MEMBERSHIP

	1979			1980		
	Gain	Loss	Net	Gain	Loss	Net
New Elections						
Student	2387			2437		
Higher Grades	655			695		
Gain			3042			3132
Arrears and Resignations						
Dropped in arrears		3284			4052	
Arrears later paid	1560			2003		
Resignations		61			45	
Reinstatements	131			106		
Net Gain			(1654)			(1988)
Relocation						
Moved into Region	1451			1402		
Moved out of Region		1182			1216	
Net Gain			269			186
Deceased			(41)			(48)
Other			6			17
<u>Net gain</u>			1622			1299

Year-end membership totals	1979	1980
Fellow	1321	324
Senior Member	2461	2548
Member	12709	13528
Associate Member	1062	1128
Student Member	3791	4115
Total	20344	21643

Region 3 Membership Status Report 1981

<u>Section</u>	<u>Members on 12/31/80</u>	<u>3% Increase Goal for 12/31/81</u>	<u>Actual</u>	<u>New Members Needed</u>
<u>Area 1</u>				
09 Central Virginia	519	534		
23 Hampton Roads	622	641		
59 Richmond	476	490		
65 Virginia Mountain	659	679		
Total Area 1	2276	2344		
<u>North Carolina Council</u>				
67 Central North Carolina	246	253		
69 Charlotte	667	687		
71 Eastern North Carolina	1108	1141		
73 Western North Carolina	118	122		
75 Winston-Salem	173	178		
Total NCC	2312	2381		
<u>Area 3</u>				
03 Atlanta	2321	2390		
61 Savannah	90	93		
Total Area 3	2411	2483		
<u>Florida Council</u>				
07 Canaveral	917	944		
17 Florida West Coast	1455	1499		
19 Fort Walton	155	160		
21 Gainesville	291	300		
27 Jacksonville	185	191		
35 Miami	880	906		
51 Orlando	816	840		
53 Palm Beach	574	591		
55 Panama City	154	159		
57 Pensacola	98	101		
77 Daytona	175	180		
89 Broward	652	672		
Total FC	6352	6543		
<u>Area 5/Tennessee Council</u>				
11 Chattanooga	348	358		
13 East Tennessee	849	874		
15 Evansville-Owensboro	299	308		
29 Lexington	233	240		
31 Louisville	609	627		
33 Memphis	511	526		
37 Middle Tennessee	80	82		
43 Nashville	508	523		
49 Oak Ridge	204	210		
Total Area 5/TC	3641	3750		
<u>Area 6</u>				
01 Alabama	887	914		
05 Baton Rouge	397	409		
25 Huntsville	769	792		
39 Mississippi	414	426		
41 Mobile	231	238		
45 New Orleans	830	855		
Total Area 6	3528	3634		
<u>Area 7/South Carolina Council</u>				
81 Central Savannah River	90	93		
83 Coastal South Carolina	312	321		
85 Columbia	304	313		
87 Piedmont	417	430		
Total Area 7/SCC	1123	1157		
Total Region 3	21643	22292		



What's more important— the aim or the name?

Something is drastically wrong with the actions of the IEEE's Board of Directors:

- Last year, in secrecy and without consulting the Institute's members, the Board voted to join the American Association of Engineering Societies (AAES)—a crucial action that may have transferred to the AAES some of the significant responsibilities assigned to the IEEE under its constitution.
- At a more recent meeting, the Board opted to seek membership opinion. The issue? A possible name change to the Institute for Electrical and Computer Engineers.

At best, these two actions reveal the Board of Directors' incredible lack of judgment; at worst, they show a monumental contempt for working EEs.

Consider first the Board's decision to join AAES. This was a weighty matter indeed. An umbrella organization, AAES represents 40 societies with a combined membership of more than 800,000 engineers. Thus, it might eventually develop sufficient political clout to lobby effectively for the interests of those engineers. But will it? How will it set its policies and priorities? More specifically, what benefits will IEEE members receive for the \$160,000 the Institute will spend to support AAES this year? These questions, and many more that can be asked, are far from trivial. They therefore demand open and detailed discussion.

Now gauge the name-change proposal; it's inconsequential. Do you care what the IEEE calls itself? We don't! EDN would accept virtually any new name if only the Institute would show more vigor in fighting age discrimination, supporting pension reform and pursuing other professional matters that vitally affect its members.

The IEEE *should* give priority to substance, not form. Unfortunately, the Board of Directors' voting record suggests that the opposite is true. The group apparently feels that IEEE members should voice their opinions only on matters of form, not substance.

Irwin Feerst, chairman of the Committee of Concerned EEs, has urged that every IEEE section schedule an open meeting on the AAES-membership situation. EDN seconds his motion. Further, we believe that the Board of Directors should reverse its decision if the majority of voting members recommends that it do so. Finally—and just as important—we offer the Board this suggestion: Before taking future votes on important constitutionally related action items, consult with the constituency that elected you—and heed their advice.

Walt Patstone
Editor

An Award-Winning Magazine
1978 Staff-Written Series—
System Design Project
1978 Contributed Series—
Designer's Guide to Fiber Optics
1977 Contributed Series—
Software Design Course
1976 Special Issue—
Microprocessor Reference Issue
1975 Staff-Written Series—
Microprocessor Design Series

*Jesse H Neal Editorial Achievement
Awards are the business-press Pulitzer
Prize equivalent.

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
4/7/81 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Mickey Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications Jerry Kopensky
 Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
 - g. IEEE-FES Liaison Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities Ben Patz
 - j. Finance Committee Mannie Connell
6. SPECIAL COMMITTEE REPORTS:
 - a. Nominations Russ Theisen
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
8. NEW BUSINESS
 - a. IEEE Awards Restriction to IEEE Members Deen Khandelwal
 - b. Movement of Section FUNDS within Approved Accounts. Mannie Connell
 - c. Validity of Vote on IEEE Constitutional Amendment (See Chmn's Rpt.)
 - d. Lack of IEEE Member Vote on Joining AAES (See Chmn's Rpt.)
8. CHAIRMAN'S REPORT
9. ADJOURNMENT

CHAIRMAN'S REPORT
April 1981

1. The 1981 Engineers' Public Affairs Forum, co-sponsored by IEEE *cancelled* will be held 13-15 April in Washington, D.C. See attached program.
2. Volunteers are still needed to serve on the SOUTHCON'82 committees for Orlando. The committees and their chairmen are:

Transportation-	Dr. Ernie Erickson
Host-	Vernon Powers
Public Relations-	Art Greene
Program-	Dr. Gene Chenette

Several volunteers are sought for Programs, while only one is needed for each of the other areas. The Transportation committee arranges local transportation for VIPs and other attendees, while the Host committee sees to other arrangements for VIPs. Those interested in further information or in signing up should contact George McClure, 352-3782.

3. Robert Rivers, a Fellow of IEEE, has challenged the validity of the declaration by IEEE's General Manager that the Constitutional Amendment voted on at the last election had been passed. His complaint and request for section support are attached.
4. A certificate to Gayle Lee Fairless, expressing the gratitude of the Orlando Section for his service as Section Notes Editor, 1977-79, has been received and will be forwarded to him.
5. Dr. Ben Patz will represent the Orlando Section at SOUTHEASTCON, attending the Region 3 meeting (including voting on changes in bylaws), the PAC meeting, and the meeting of the Region 3 Membership Development representatives. The goal for membership growth in Region 3 during 1980 was 7%; The attained figure was 6.4%, 125 members short of the goal. The figures are attached. The goal for 1981 is 3% growth in Region 3.

Contacting members in arrears is vital in encouraging them to continue their memberships. To that end, Field Services has been requested to send all "pink sheets" with member change activity to Frank Fluet, so that he will be alerted to any needed followup. He has also put into effect a plan to send a letter of welcome to all new members in the Section.

6. The Reliability Physics Symposium will be conducted at the Sheraton Twin Towers, 7-9 April. The 15th IEEE Photovoltaic Specialists Conference will be held at the Orlando Hyatt Hotel, 12-15 May. General Chairman is Dr. Charles Bishop, Solar Energy Research Institute, Golden CO, (303) 231-1018.
7. The deadline for receipt of applications to be considered for a IEEE Congressional Fellowship is 30 April. Tom Suttle at the Washington office has forms and information. (202)785-0017.
8. A new Membership Development Guide for Sections, dated January 1981, has been received from Headquarters.

Chairman's Report

Page 2

9. No nominations by petition for Section office had been received by the Chairman by the announced deadline, 1 April, so that the slate of officers submitted by the Nominations Committee and approved by the Executive Committee is unchallenged.
10. A circular has been received from Irwin Feerst expressing interest in appearing on a Section program to discuss the decision to have IEEE join the AAES without a vote of the IEEE membership. He has such an invitation from the Canaveral Section (Horst Pohler) but needs others to minimize the burden on one section of having to pay his entire travel expenses.

The attached editorial from the 4 March issue of EDN (Electronic Design News) addresses the issue. The Chairman's Corner in our April Section Notes asks for an expression of local member opinion on the subject. If the opinion is strongly opposed, the section may wish to consider going on record in opposition through a resolution to the IEEE President.

11. A schedule conflict forces the absence of George McClure from the April Executive Committee meeting. It occurs at the same time as the Board of Directors' meeting for the Vehicular Technology Society in Washington, during their annual conference. As a board member and Transactions Editor for VTS, George McClure felt obligated to attend that meeting. Thanks go to Mannie Connell for chairing this meeting.

GFM

3/4/81

TELEPHONE NUMBER CHANGES

Fred Simons	275-2405 (ofc.)
Jerry Kopensky	352-1300 ext. 6274 (ofc.)
Mannie Connell	351-4691 (ofc.)
Russ Theisen	352-3177, -2751 (add'l. ofc. number)
Bill Cram	Delete office number

1981 ENGINEERS' PUBLIC AFFAIRS FORUM



MONDAY, APRIL 13

SESSION:

Opening Session

TIME/PLACE:

7:00 p.m.; Concord Room

TOPIC:

"The Task of Revitalizing Technological Innovation"

SPEAKERS:

Congressman Henry S. Reuss* (D-WI) *Chairman*, Joint Economic Committee; Jiro Aiko, *Commercial Minister*, Embassy of Japan; John Kendrick, *Economist*, George Washington University

Noted economist John Kendrick will summarize his 99 policy recommendations for promoting productivity growth in America. Chairman Reuss, whose Committee made no fewer than 514 recommendations bearing on technological innovation, will give his view of the legislative prospects for this flurry of ideas.

Mr. Aiko will clarify the often cited relationship that the Japanese government maintains with its industry to promote innovation.

SESSION:

Cocktail Reception

TIME/PLACE:

8:15 p.m.; Yorktown

TUESDAY, APRIL 14

SESSION:

Breakfast Meeting

TIME/PLACE:

8:00 a.m.; Rayburn House Office Building, Room B-338

TOPIC:

"The Legislative Agenda for Revitalizing Industry"

SPEAKER:

Henry A. Waxman (D-CA)

As a member of the Committee on Interstate & Foreign Commerce and Chairman of the Subcommittee on Health and the Environment, the Congressman will address proposed legislation aimed at reviving the nation's industrial base, in particular, how reauthorization of the Clean Air Act will affect these efforts.

**Invited, not confirmed*

SESSION:

Breakouts: Five Concurrent Discussion Sessions

TIME:

9:45 a.m. to 11:45 a.m.

TOPIC A:

"Industry in the Year 2000"

SPEAKER:

Joseph Engelberger, *President*, Unimation, Inc.

Mr. Engelberger, often referred to as "Mr. Robot," will describe automated industry of the future and discuss the public policy implications involved in the transformation ahead.

TOPIC B:

"NASA's Impact on Future Technology"

SPEAKERS:

James Kramer, *Manager*, Strategic Planning & Development Operation, General Electric Aircraft Engines Group; Ivan Bekey, *Director*, Advance Programs, Office of Space Transportation Systems, National Aeronautics and Space Administration; Robert Frosch, *President*, AAES, Program Moderator

Looking at the future of space travel and the technological payoffs, Mr. Bekey will address the long range plan for space transportation and facilities and Mr. Kramer will discuss the systems approach to energy conservation as exemplified in the NASA aircraft energy efficiency program.

TOPIC C:

"Surface Transportation: Needs and Funding Priorities"

SPEAKERS:

Raymond Barnhart, *Administrator*, Federal Highway Administration; Walter Kraft, *Chairman*, ASCE National Transportation Policy Committee;

Daniel S. Hanson, *President*, American Road and Transportation Builders Association; Neilon J. Rowan, *President*, ITE, Program Moderator

This panel will look first at the intentions of the Congress and the new Administration regarding surface transportation policy and fundings and then focus on the technological innovations currently being developed.

TOPIC D:

"Integrating Old and New Energy Technologies"

SPEAKERS:

Claude Hocott, Gulf University Research Consultants; Charles Baker, Argonne National Laboratory; F. S. Patton, Union Carbide Corporation; Robert T. Jaske, *Chairman CCE 1980*, Program Moderator

Innovative approaches to mixing new and old technologies in secondary and tertiary recovery techniques as reviewed by three experts in the field.

TOPIC E:

"The Minerals and Materials Crisis"

SPEAKERS:

John D. Morgan, U.S. Bureau of Mines; Paul Maxwell, House Subcommittee on Science & Research Technology; Allen Gray, *Technical Director*, ASM, Program Moderator

The Materials Policy Act of 1980 (PL 96-479) initiated a first step in addressing a national crisis that this panel will review and then explore the next round of public policy decisions.

SESSION:

Luncheon

TIME/PLACE:

12:30 p.m.; Columbia Ballroom

TOPIC:

"Deregulation in the Reagan Administration"

SPEAKER:

James Miller, *Deputy Administrator*, OMB

Currently the chief staffer for the Regulatory Task Force headed by Vice President Bush, Mr. Miller will provide a work-in-progress report on the Administration's efforts to reduce the burden of federal regulations and its intended impact on American industry.

SESSION:

Plenary SESSION

TIME/PLACE:

2:30 p.m. to 3:45 p.m.; Yorktown-Valley Forge

TOPIC:

"Obstacles in the Practical Application of Technology"

SPEAKERS:

Robert Hughes, *President*, Associated Universities;
Arthur Bueche, *Senior Vice President*, Corporate
Technology, General Electric Corporation; William
Perry, *former Undersecretary of Defense for Re-
search and Engineering*

Each speaker will discuss the development and
application of technology from their respective areas:
the research university, industry, and the military sec-
tor of the government. They will then explore the
growing demand for greater cooperation among
these sectors, the obstacles that inhibit cooperation,
and the public policy decisions needed to overcome
them.

Coffee Break

SESSION:

"Face the Profession"

TIME:

4:00 p.m. to 5:00 p.m.

A panel of journalists will question the speakers from
the previous session on the issues they addressed.

SESSION:

Congressional Reception

TIME/PLACE:

6:00 p.m. to 8:00; Cannon House Caucus Room
Cocktails and conversation with members of Con-
gress, their staffs, and key agency officials.

WEDNESDAY, APRIL 15

SESSION:

Congressional Hearings

TOPIC:

"The Developing Crisis in Engineering Manpower"

TIME/PLACE:

9:30 a.m.; Science & Technology Committee Hearing
Room, 2325 RHOB

Congressman Don Fuqua, Science & Technology
Committee Chairman, will hold hearings on the de-
veloping crisis in engineering manpower. Witnesses
will include representatives from industry and gov-
ernment.

SESSION:

Luncheon

TIME/PLACE:

12:00; Columbia Ballroom

TOPIC:

"American Prosperity: the Reagan Plan"

SPEAKER:

Vice President George Bush*

SPONSORING SOCIETIES

American Association of Cost Engineers
American Association of Engineering Societies
American Congress on Surveying and Mapping
American Institute of Aeronautics and
Astronautics
American Institute of Industrial Engineers
American Nuclear Society
American Society of Agricultural Engineers
American Society of Civil Engineers
American Society for Engineering Education
American Society of Heating, Refrigerating and
Air Conditioning Engineers
American Society for Metals
American Society of Mechanical Engineers
American Society for Quality Control
Federation of Materials Societies
Illuminating Engineering Society
Institute of Electrical and Electronics Engineers
Institute of Transportation Engineers
The Metallurgical Society of AIME
National Society of Professional Engineers
Society of Automotive Engineers
Society of Fire Protection Engineers
Society of Manufacturing Engineers
System Safety Society

REGISTRATION

For hotel reservations, phone the Hyatt Regency
Hotel 202/737-1234.

Register now for the 1981 Engineers' Public
Affairs Forum at the Washington Hyatt
Regency Hotel, April 13-15, 1981.

Enclosed is my check for \$165.

**1981 ENGINEERS'
PUBLIC AFFAIRS FORUM**
2029 K Street, NW, Washington, D.C. 20006

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

1981 ENGINEERS' PUBLIC AFFAIRS FORUM

ADVANCE PROGRAM

April 13-15, 1981

Hyatt Regency Hotel
Washington, D.C.



COMPLAINT

From: Robert A. Rivers, F. IEEE
Main St.
Union, N. H. 03887 603-473-2523

Against: IEEE
345 E. 47th St.
New York, NY 10017

Background

The Institute of Electrical and Electronics Engineers' Board of Directors proposed a Constitutional Amendment. The amendment was to change the election of a President to the election of a President Elect with automatic succession to the presidency. Other changes proposed were removal of Election deadlines from the Constitution to the By-Laws that are completely under the control of the Board of Directors. I was the opposer to the amendment in the published Ballot material.

The present constitution requires that a Constitutional amendment must have 2/3 of the Ballots cast in favor of the amendment. The Constitution also provides for a Tellers Committee that supervised the election and announces the results.

The Tellers Committee reported the following:

1. 36,060 Ballots were returned
2. 35,334 Ballots were valid having properly signed exterior envelopes
3. 23,333 Ballots were in favor of the amendment (223 short of the required 2/3)
4. 9,514 Ballots were explicitly against the amendment
5. 2,487 Ballots were blank on the issue
6. 160,965 Ballots were sent to the membership
7. The Individuals who were the winning candidates
8. The amendment failed to pass

The General Manager (Herz) of the Institute, a paid staff member, not an elected official or an Election Official, ignored the Tellers Committee and announced to the public and to the Board of Directors that the amendment had passed and caused the statement to be attributed to Election Officials.

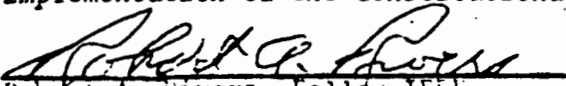
The Board of Directors at its December meeting passed over the declaration of the the Tellers Committee as to the amendment and accepted its declaration as to winners of offices. It accepted the declaration of the General Manager that the Constitutional Amendment had passed.

The following is a list of the presently known irregularities:

1. 23,333 Votes in favor is not the required 2/3 of 35,334 Ballots
2. The General Manager caused to be uttered statements to the membership, the public, and the Board of Directors that the Election Officials stated that the amendment passed, whereas the only properly constituted Election Officials were the Tellers Committee and they had declared the amendment to have failed.
3. The General Manager (Herz) ignored my complaint of Nov. 13 requesting him to withdraw his unauthorized statements.
4. The Board of Directors by improper parliamentary procedures ignored a motion with a second that would have accepted the Tellers' Committee report in whole thereby sealing the defeat of the amendment.
5. The Board of Directors usurped the authority of the Tellers' Committee and accepted the public position of the General Manager that the amendment had passed. It did so with the full knowledge that the properly constituted Tellers Committee had stated that it failed.

REQUESTED ACTION

That your office investigate the above mentioned irregularities in violation of the of the Constitutional Rights of the members of the IEEE. I request that you obtain agreement that the Tape Recordings of the Board of Directors Meeting be maintained. I further request that your office obtain a permanent injunction against adoption or implementation of the Constitutional Amendment.


Robert A. Rivers, Fellow IEEE

Dec. 12, 1980

To All IEEE Section Chairmen and Chairwomen:

Subject: Irregularities with Constitutional Amendment

The Constitutional Amendment proposed at the last election would deprive you of the right to know when elections for your Director and your President would be held. By my count and by the statement of the IEEE Tellers Committee, the amendment failed to get the required 2/3 in favor and failed to pass.

The General Manager (Herz) supported by his legal counsel said that it passed by saying that ballots are only those voting on an issue, not all of the valid returned ballots. The Board of Directors at its December meeting declared that it passed. We are dealing with a fundamental right to know with surety when elections will be held. The amendment removed the deadlines from the Constitution and relegated them to the By-Laws over which you as a member have no control or present and timely information. You cannot even see the current by-laws by right until the next board meeting when the previous minutes have been accepted. Do not be misled into thinking that this was just a housekeeping amendment and merely changing the President to President Elect.

The members of the Tellers Committee have referred the matter to the Credentials Committee. I have filed a complaint with the Attorney General of the State of New York. Your support is needed.

Neither the irregularities in the ignoring of the Tellers Committee, the Declaration by the Staff Director (Herz), nor the Board's decision should be allowed to stand unchallenged. Please contact your Director, determine the facts, relate those facts to what you know and want done, and advise your Director what you think should be done. If time permits, it would be well to take this up at your executive committee meeting. I also enlist the support of any resident of the State of New York in supporting my complaint to the office of the Attorney General. Please do so by signing the complaint and sending it to the address indicated at the top of the enclosure.


Sincerely

1/13/81

Robert A. Rivers
P. O. Box 68
Union, NH 03887
603-473-2323

cc Pac Chmn

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17 Florida West Coast	1341	1435	1455	20
19 Fort Walton	150	160	155	(5)
21 Gainesville	246	263	291	28
27 Jacksonville	178	190	185	(5)
35 Miami	826	884	880	(4)
51 Orlando	750	803	816	13
53 Palm Beach	516	552	574	22
55 Panama City	127	136	154	18
57 Pensacola	108	116	98	(18)
77 Daytona	158	169	175	6
89 Broward	602	644	652	8
Total FC	5793	6198	6352	154
Area 5/Tennessee Council				
11 Chattanooga	299	320	348	28
13 East Tennessee	816	873	849	(24)
15 Evansville-Owensboro	320	342	299	(43)
29 Lexington	253	271	233	(38)
31 Louisville	557	596	609	13
33 Memphis	507	543	511	(32)
37 Middle Tennessee	94	101	80	(21)
43 Nashville	464	496	508	12
49 Oak Ridge	175	187	204	17
Total Area 5/TC	3485	3729	3641	(88)
Area 6				
01 Alabama	873	934	887	(47)
05 Baton Rouge	355	380	397	17
25 Huntsville	737	789	769	(207)
39 Mississippi	412	441	414	(27)
41 Mobile	216	231	231	0
45 New Orleans	799	855	830	(25)
Total Area 6	3392	3630	3528	(102)
Area 7/South Carolina Council				
81 Central Savannah River	102	109	90	(19)
83 Coastal South Carolina	288	308	312	4
85 Columbia	307	329	304	(25)
87 Piedmont	363	388	417	29
Total Area 7/SCC	1060	1134	1123	(11)
Total Region 3	20344	21768	21643	(125)

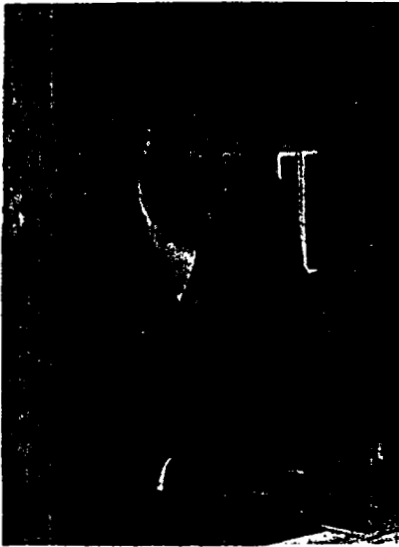
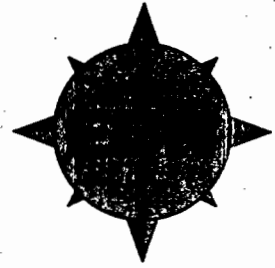
REGION 3 MEMBERSHIP

	1979			1980		
	Gain	Loss	Net	Gain	Loss	Net
New Elections						
Student	2387			2437		
Higher Grades	655			695		
Gain			3042			3132
Arrears and Resignations						
Dropped in arrears		3284			4052	
Arrears later paid	1560			2003		
Resignations		61			45	
Reinstatements	131			106		
Net Gain			(1654)			(1988)
Relocation						
Moved into Region	1451			1402		
Moved out of Region		1182			1216	
Net Gain			269			186
Deceased			(41)			(48)
Other			6			17
<u>Net gain</u>			1622			1299

Year-end membership totals	1979	1980
Fellow	1321	324
Senior Member	2461	2548
Member	12709	13528
Associate Member	1062	1128
Student Member	3791	4115
Total	20344	21643

Region 3 Membership Status Report 1981

<u>Section</u>	<u>Members on 12/31/80</u>	<u>3% Increase Goal for 12/31/81</u>	<u>Actual</u>	<u>New Members Needed</u>
<u>Area 1</u>				
09 Central Virginia	519	534		
23 Hampton Roads	622	641		
59 Richmond	476	490		
65 Virginia Mountain	659	679		
Total Area 1	<u>2276</u>	<u>2344</u>		
<u>North Carolina Council</u>				
67 Central North Carolina	246	253		
69 Charlotte	667	687		
71 Eastern North Carolina	1108	1141		
73 Western North Carolina	118	122		
75 Winston-Salem	173	178		
Total NCC	<u>2312</u>	<u>2381</u>		
<u>Area 3</u>				
03 Atlanta	2321	2390		
61 Savannah	90	93		
Total Area 3	<u>2411</u>	<u>2483</u>		
<u>Florida Council</u>				
07 Canaveral	917	944		
17 Florida West Coast	1455	1499		
19 Fort Walton	155	160		
21 Gainesville	291	300		
27 Jacksonville	185	191		
35 Miami	880	906		
51 Orlando	816	840		
53 Palm Beach	574	591		
55 Panama City	154	159		
57 Pensacola	98	101		
77 Daytona	175	180		
89 Broward	652	672		
Total FC	<u>6352</u>	<u>6543</u>		
<u>Area 5/Tennessee Council</u>				
11 Chattanooga	348	358		
13 East Tennessee	849	874		
15 Evansville-Owensboro	299	308		
29 Lexington	233	240		
31 Louisville	609	627		
33 Memphis	511	526		
37 Middle Tennessee	80	82		
43 Nashville	508	523		
49 Oak Ridge	204	210		
Total Area 5/TC	<u>3641</u>	<u>3750</u>		
<u>Area 6</u>				
01 Alabama	887	914		
05 Baton Rouge	397	409		
25 Huntsville	769	792		
39 Mississippi	414	426		
41 Mobile	231	238		
45 New Orleans	830	855		
Total Area 6	<u>3528</u>	<u>3634</u>		
<u>Area 7/South Carolina Council</u>				
81 Central Savannah River	90	93		
83 Coastal South Carolina	312	321		
85 Columbia	304	313		
87 Piedmont	417	430		
Total Area 7/SCC	<u>1123</u>	<u>1157</u>		
Total Region 3	21643	22292		



What's more important— the aim or the name?

Something is drastically wrong with the actions of the IEEE's Board of Directors:

- Last year, in secrecy and without consulting the Institute's members, the Board voted to join the American Association of Engineering Societies (AAES)—a crucial action that may have transferred to the AAES some of the significant responsibilities assigned to the IEEE under its constitution.
- At a more recent meeting, the Board opted to seek membership opinion. The issue? A possible name change to the Institute for Electrical and Computer Engineers.

At best, these two actions reveal the Board of Directors' incredible lack of judgment; at worst, they show a monumental contempt for working EEs.

Consider first the Board's decision to join AAES. This was a weighty matter indeed. An umbrella organization, AAES represents 40 societies with a combined membership of more than 800,000 engineers. Thus, it might eventually develop sufficient political clout to lobby effectively for the interests of those engineers. But will it? How will it set its policies and priorities? More specifically, what benefits will IEEE members receive for the \$160,000 the Institute will spend to support AAES this year? These questions, and many more that can be asked, are far from trivial. They therefore demand open and detailed discussion.

Now gauge the name-change proposal; it's inconsequential. Do you care what the IEEE calls itself? We don't! EDN would accept virtually any new name if only the Institute would show more vigor in fighting age discrimination, supporting pension reform and pursuing other professional matters that vitally affect its members.

The IEEE *should* give priority to substance, not form. Unfortunately, the Board of Directors' voting record suggests that the opposite is true. The group apparently feels that IEEE members should voice their opinions only on matters of form, not substance.

Irwin Feerst, chairman of the Committee of Concerned EEs, has urged that every IEEE section schedule an open meeting on the AAES-membership situation. EDN seconds his motion. Further, we believe that the Board of Directors should reverse its decision if the majority of voting members recommends that it do so. Finally—and just as important—we offer the Board this suggestion: Before taking future votes on important constitutionally related action items, consult with the constituency that elected you—and heed their advice.

Walt Patstone
Editor

An Award*-Winning Magazine
1978 Staff-Written Series—
System Design Project
1978 Contributed Series—
Designer's Guide to Fiber Optics
1977 Contributed Series—
Software Design Course
1976 Special Issue—
Microprocessor Reference Issue
1975 Staff-Written Series—
Microprocessor Design Series

*Jesse H Neal Editorial Achievement
Awards are the business-press Pulitzer
Prize equivalent.

IEEE Exec Committee

4/7/81

Name	Office	Phone	Home
Deen Khandilwal	Act. Sec.	352-2583	277-5959
GERALD BECKER	STUDENT CHAIRMAN	275-2786	677-7621
THOMAS TOOR	STUDENT COMP. Soc. Ch. M.	295-4010	282-6359
FRANK FLUET	MEMBERSHIP DEV COM.	843-7030	339-8905
ED ELLIS	PAC	339-1600	834-3319
George B Taack Jr	Sec - Communications	339-1600	321-0319
J. L. MASSETT	COMP SOC / Chapter Chair Rep	352-3858	834-3448
JOE MILLER	VICE CHRM PE&IA	646-8233	644-7041
Wm. C. Gram	Awards	—	647-4123
Everett Hales			
Fred Simons			

IEEE Orlando Section
Executive Committee Meeting

April 7, 1981

The meeting was called to order by the Section Treasurer, Mannie Connell at 6:08 p.m. at St. Margaret Mary Church in Winter Park. (This temporary meeting site was for this meeting only). Other attendees were Deen Khandelwal, Gerald Becker, Thomas Toor, Frank Fluett, Ed Ellis, George Taack, Jr, Joe Massett and Joe Miller. Everett Hales and Fred Simmons were present prior to starting the meeting. Meeting agenda is attached on Attachment A.

1. Minutes of March 3, 1981 meeting: Ed Ellis made the motion to accept the minutes as they are. Mannie Connell seconded and it passed.
2. Treasurers report was presented by Mannie Connell. It showed a balance of \$8557.85 as of April 1, 1981. The report was accepted and is attached as Attachment B. He also reported receipt of the signature varification letter from Dreyfuss which will be processed this month.
3. Society Chapter Reports
 - a. AES - No report.
 - b. Communication - George Taack reported that the meetings held on March 30th, March 31st, and April 1st, were successful with over 40 people attending. This should qualify for three meetings. The meetings included a tour of the Bell SS4E Toll Switch.

The next meeting is planned for April 29th at Stromberg-Carlson's Lake Mary facility, Rhinehart Rd., in the Omnicenter at 7:30 p.m. The topic of discussion will be the Digital Trunk Expander. This has not been announced in the section notes.

A meeting to be held in late May is being planned at the Orlando Public Library with the topic of discussion being Subscriber Line Carrier Bell System. Further details will be forthcoming.

- c. Computer - Joe Massett reported that a meeting was held on 18 March on "Software Intense Trainers". The speakers were Dr. R. W. Johnson and John Ruskstahl of Naval Training Device Center. The next meeting is scheduled for 15 April at the Orlando Public Library when Dr. J. Losq will present a talk on high performance computers.

A preliminary arrangement has been made with Disney for a tour of their animation computer facility on 20 May 1981. Details will be forthcoming in the next section notes.

The Computer Tutorial East Conference is in process this week at the Orlando Marriott Inn. Attendance is running approximately 160 per day which exceeds our estimates. It appears that the tutorial will be a financial success. Orlando and Tampa Society officers and members have been actively engaged in the planning and execution of this conference.

- d. Election Devices - No report
- e. MTI - No report
- f. Power Engineering and Industrial Application - Joe Miller reported about the success of the March 17th meeting as a tour of the Gould Brown - Boviri Switch gear plant in Sanford. John Polson and Ray Liggins were the speakers and tour guide.
- g. Vehicular Technology - No report
- h. Student Branch - Jerry Becker reported about the planned elections of the new officers on April 8, 1981. A transition meeting of incoming and outgoing officers is planned for April 10, 1981 at Dr. Miller's residence. Weekly meeting will continue to be held at 11:00 AM in Room EN 234 at UCF until June 1981.

4. Standing Committee Reports

- a. Programs - No report
- b. Membership Development - Frank Fluet's report is attached as Attachment C. Please note our 1981 goals of at least 24 new members.
- c. Publicity - No report
- d. Facilities and Arrangements - No report
- e. Publications - Need replacement for Jerry Kopensky.
- f. Awards - No report
- g. IEEE - FES Liaison - No report
- h. Professional Activities - Ed Ellis reported that the IEEE Committee on Social Implications of Technology (CSIT) Publishes a Quarterly Bulletin "Technology and Society" which should be called to the attention of IEEE members in general. The Publication has been available for eight years. If the contents of the issue received are typical, this should receive wider distribution. Topics covered included professional rights of Engineers, credibility/responsibility of the Engineer as compared to other professionals, and voluntary restraints such as Publication of Research Reports in Cryptography. Subscription rates are \$3.00 per year. If you would like to subscribe or to examine a copy, please contact Ed Ellis at 339-1600 or at 834-3319.

Deen Khandelwal moved and Bill Cram seconded the motion that if the Orlando Section is not on CSIT's mailing list, we should subscribe to this quarterly bulletin and request the PAC chairman to summarise the the contents in the section Notes. The motion was carried.

- i. Finance Committee - No report

5. Special Committee Reports

- a. Nomination - No report
- b. SOUTHCON '82 - No report
- c. AUTOTESTCON - A written report by George McClure stated that 102 papers have been received for possible presentation at the Conference.

A meeting of the Board of Directors of AUTOTESTCON is scheduled for April 14, during the ATLAS Test Software meeting in Orlando. The facilities to be used will be toured and a meeting of the local conference committee will follow in the evening.

Conference session chairmen who are in town for the ATLAS meeting will be given an opportunity to participate in the papers selection process then; a full meeting for papers selection is scheduled on 28 April. All session chairmen will be invited to participate.

The \$1500 advance money has been received from the Instrumentation & Measurements Society but the matching funding has not yet been received from the Aerospace & Electronic Systems Society.

- d. Education - No report. Although there was no report, since the approval of the planned workshop on Digital Signal Processing was scheduled for today's meeting, the discussion was initiated by Mannie Connell. There was a considerable discussion on the subject of fees for the lecturers and planners -- with significant objections to the proposed schedule by Deen Khandelwal and Bill Cram. Ed Ellis finally moved and Deen Khandelwal seconded the motion to approve the workshop and table the issue of fees. The motion passed.
- e. Historian - No report

6. New Business

With reference to a letter by Fred R. Castaneda of Los Angeles, Ca. entitled "L.A. Section Protests Awards to Nonmembers" in The Institute, Vol. 5, No. 4, April, 1981, Deen Khandelwal proposed that Orlando section of IEEE support the L.A. section to protest IEEE awards being made to nonmembers of IEEE by writing to M. E. Van Valkenburg, Chairman, 1981 Awards Board, IEEE Head Quarters and L.A. Section of IEEE. The motion failed for lack of a second.

With reference to the same letter, Deen Khandelwal then moved that the Orlando Section suggest to the IEEE Awards board to consider establishing a special award to be awarded to a non EE who has significantly contributed to the benefit of the IEEE members. Not being a Electrical Engineer or computer sciences practitioner should be one of the primary requirements.

The motion failed for lack of a second.

Upon the discussing the subject of "need of approval for movement of funds within the approved accounts" lead by Mannie Connell, Bill Cram moved and Joe Massett seconded that treasurer be given authority and freedom to transfer funds within the approved accounts as deemed necessary or appropriate. The motion carried.

7. Chairman's Report - See Attachment D
Please note that the attachments referred to in the Chairman's report are not included as a part of these minutes. If you need please call Deen Khandelwal at 352-2583 or 277-5959.

Frank Fluet moved to adjourn the meeting. The motion was carried and the meeting was adjourned at 7:12 p.m.

Respectfully submitted,

D.D. Khandelwal

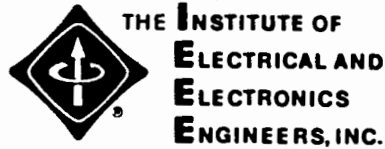
Dr. Deen D. Khandelwal
Act. Secretary
IEEE Orlando Section

P.S. The next meeting of the executive committee will be held on
May 5, 1981 at 5:30 p.m. at Stromberg-Carlson in Winter Park.

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
4/7/81 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Mickey Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications Jerry Kopensky
Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
 - g. IEEE-FES Liaison Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities Ben Patz
 - j. Finance Committee Mannie Connell
6. SPECIAL COMMITTEE REPORTS:
 - a. Nominations Russ Theisen
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
8. NEW BUSINESS
 - a. IEEE Awards Restriction to IEEE Members Deen Khandelwal
 - b. Movement of Section Funds within Approved Accounts. Mannie Connell
 - c. Validity of Vote on IEEE Constitutional Amendment . (See Chmn's Rpt.)
 - d. Lack of IEEE Member Vote on Joining AAES (See Chmn's Rpt.)
8. CHAIRMAN'S REPORT
9. ADJOURNMENT



IEEE ORLANDO SECTION
Treasurer's Report

PLEASE REPLY TO:

Statement of Account From 1 February to 1 March 1981

Checking	\$602.81
Savings	7530.88
Currency	<u>0.00</u>
Total	\$8133.69

Cash Received

Checking	\$1538.38
Savings	<u>136.27</u>
Total	\$1674.65

Cash Disbursed

Checking	\$750.49
Savings	<u>500.00</u>
Total	\$1250.49

Cash Balance as of 1 April 1981

Checking	\$1390.70
Savings	7167.15
Currency	<u>0.00</u>
Total	\$8557.85

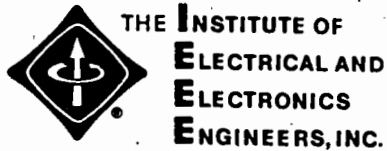
Statement of Income From 1 March to 1 April 1981

IEEE Headquarter's rebate	\$1018.88
George McLure-Banquet tickets	<u>19.50</u>
Total	\$1038.38

Statement of Disbursements From 1 March to April 1981

Tutorial Week 81 East-Tom Toor&Linda C.	\$170.00
Bill Cram-Expenses for Awards	80.67
Southeastcon trip-Gerry Becker&Students	238.00
Seminole House Printers	<u>261.62</u>
Total	\$750.49

Mannie Connell
Mannie Connell - Treasurer Or. Sec.



PLEASE REPLY TO:

ORLANDO CHAPTER
MEMBERSHIP DEVELOPMENT COMMITTEE

REPORT 4-6-81

1. I supplied some "Membership Information and Application" forms - (Red and Blue), and "Insurance Information" forms for the Membership Information display at Tutorial Week East (4-6-81). I will be re-ordering to replenish supplies of these brochures as well as senior upgrade kits. If anyone foresees any volume requirement please contact me.
2. Statistics for Month Ending 2-28-81 show Orlando Section has 816 members broken down as follows:

Members	474
Life Members	15
Senior Members	87
Life Senior Members	26
Fellows	3
Life Fellows	12
Associates	52
Life Associates	2
Student	145

Our assigned goal for 1981 is a 3% (24 new members) membership increase. With the proposed growth of Central Florida, many new engineers will be moving into the area. Let's do better than 24 new members this year.

3. I contacted Mark Lucas at Headquarters (3-23-81) concerning the errors in the Membership list as discussed at last Ex-Com. meeting. He indicated the address and Zip Code errors should be corrected by submitting a change-of-address form. However, the listing of obsolete society affiliation information was a "significant anomaly". The problem seems to have come up a long time ago and was subsequently forgotten and never fixed. The listing is presently a historical accumulation of all society memberships for each individual. He is pursuing a "fix" and will keep me informed.
4. I requested Mark Lucas remove George Curley's name from the distribution list of the "Membership Changes and Additions" printout (pink listing) and add mine in its place.

The pink listing for month ending 2-28-81 indicated 12 individuals had moved into the Section. Welcome letters will be sent to these members.

5. A new brochure, available in early Spring, will soon replace the Senior Member Elevation Kit.

Frank Fluet

MEMBERSHIP DEV. CHRMN.

CHAIRMAN'S REPORT
April 1981

1. The 1981 Engineers' Public Affairs Forum, co-sponsored by IEEE, will be held 13-15 April in Washington, D.C. See attached program.
2. Volunteers are still needed to serve on the SOUTHCON'82 committees for Orlando. The committees and their chairmen are:

Transportation-	Dr. Ernie Erickson
Host-	Vernon Powers
Public Relations-	Art Greene
Program-	Dr. Gene Chenette

Several volunteers are sought for Programs, while only one is needed for each of the other areas. The Transportation committee arranges local transportation for VIPs and other attendees, while the Host committee sees to other arrangements for VIPs. Those interested in further information or in signing up should contact George McClure, 352-3782.

3. Robert Rivers, a Fellow of IEEE, has challenged the validity of the declaration by IEEE's General Manager that the Constitutional Amendment voted on at the last election had been passed. His complaint and request for section support are attached.
4. A certificate to Gayle Lee Fairless, expressing the gratitude of the Orlando Section for his service as Section Notes Editor, 1977-79, has been received and will be forwarded to him.
5. Dr. Ben Patz will represent the Orlando Section at SOUTHEASTCON, attending the Region 3 meeting (including voting on changes in bylaws), the PAC meeting, and the meeting of the Region 3 Membership Development representatives. The goal for membership growth in Region 3 during 1980 was 7%; The attained figure was 6.4%, 125 members short of the goal. The figures are attached. The goal for 1981 is 3% growth in Region 3.

Contacting members in arrears is vital in encouraging them to continue their memberships. To that end, Field Services has been requested to send all "pink sheets" with member change activity to Frank Fluet, so that he will be alerted to any needed followup. He has also put into effect a plan to send a letter of welcome to all new members in the Section.

6. The Reliability Physics Symposium will be conducted at the Sheraton Twin Towers, 7-9 April. The 15th IEEE Photovoltaic Specialists Conference will be held at the Orlando Hyatt Hotel, 12-15 May. General Chairman is Dr. Charles Bishop, Solar Energy Research Institute, Golden CO, (303) 231-1018.
7. The deadline for receipt of applications to be considered for a IEEE Congressional Fellowship is 30 April. Tom Suttle at the Washington office has forms and information. (202)785-0017.
8. A new Membership Development Guide for Sections, dated January 1981, has been received from Headquarters.

9. No nominations by petition for Section office had been received by the Chairman by the announced deadline, 1 April, so that the slate of officers submitted by the Nominations Committee and approved by the Executive Committee is unchallenged.
10. A circular has been received from Irwin Feerst expressing interest in appearing on a Section program to discuss the decision to have IEEE join the AAES without a vote of the IEEE membership. He has such an invitation from the Canaveral Section (Horst Pohler) but needs others to minimize the burden on one section of having to pay his entire travel expenses.

The attached editorial from the 4 March issue of EDN (Electronic Design News) addresses the issue. The Chairman's Corner in our April Section Notes asks for an expression of local member opinion on the subject. If the opinion is strongly opposed, the section may wish to consider going on record in opposition through a resolution to the IEEE President.

11. A schedule conflict forces the absence of George McClure from the April Executive Committee meeting. It occurs at the same time as the Board of Directors' meeting for the Vehicular Technology Society in Washington, during their annual conference. As a board member and Transactions Editor for VTS, George McClure felt obligated to attend that meeting. Thanks go to Mannie Connell for chairing this meeting.

GFM

3/4/81

TELEPHONE NUMBER CHANGES

Fred Simons	275-2405 (ofc.)
Jerry Kopensky	352-1300 ext. 6274 (ofc.)
Mannie Connell	351-4691 (ofc.)
Russ Theisen	352-3177, -2751 (add'l. ofc. number)
Bill Cram	Delete office number

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
5/5/81 5:30PM

- 1. MINUTES APPROVAL
- 2. TREASURER'S REPORT Mannie Connell
- 3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
- 4. SOCIETY CHAPTER REPORTS:

*2 at Tutorial East
1/2 hour - members
25 signed for
subscript*

- a. AES Everett Hales -
- b. Communications Don Mendorf ✓
- c. Computer Joe Massett ✓
- d. Electron Devices Mickey Mindock
- e. MTT Carl Schunemann
- f. Power Engrg & Ind. Applications Geof. Dick — 6/18 *Rep. Dick*
- g. Vehicular Technology Mel Kelch ✓ *Batchelor*
- h. Student Branch Gerry Becker ✓ *S. Park Ave*
- i. Student Chapter, Computer Society Tom Toor ✓ *Fl. Power*

5. STANDING COMMITTEE REPORTS:

- a. Programs Herb Towle *Banquet 5/22*
- b. Membership Development Frank Fluet
- c. Publicity Dave George
- d. Facilities and Arrangements
- e. Publications Jerry Kopensky
- Advertising Business Manager Bill Kownacki
- f. Awards Bill Cram
- g. IEEE-FES Liaison Dick Harden
- h. Professional Activities Ed Ellis
- i. Student Activities ~~Ben Patz~~ *Richard Miller*
- j. Finance Committee Mannie Connell

6. SPECIAL COMMITTEE REPORTS:

- a. Nominations Russ Theisen
- b. SOUTHCON Bruce Mathews
- c. AUTOTESTCON '81 George McClure
- d. Education Fred Simons
- e. Historian Russ Theisen

7. UNFINISHED BUSINESS

8. NEW BUSINESS

- a. Schedule of Executive meetings for the summer
- b. Report on Region 3 Meeting Ben Patz

9. ADJOURNMENT

AUTOTESTCON '81

Some 20 session chairmen and members of the technical program committee attended a papers review session held at the Hyatt House on Tuesday, 28 April from 8:30 AM to 1:00 PM. At this meeting the majority of the papers selection from among the 106 papers submitted was completed. Authors are being notified of their acceptance or rejection. There will be at least 20 technical sessions with 4 or 5 papers each, plus 2 or 3 workshops, topics yet to be defined.

A contract has been signed with Greyhound Exposition Services to serve as conference service contractor. Mailing has started on the exhibitor guides. A copy of the contract form for exhibitors is attached.

One-third of the exhibition hall has been committed to our service, but we may need more. The Florida Home Builders' Association is following us at the Hyatt, and their show will take over our booths at tear-down time.

The AUTOTESTCON Board of Directors met at the Hyatt House on 14 May ^{April} during the ATLAS meeting at the Gateway Hilton, and reviewed our plans for technical program, exhibits, and a planned Luau to be held poolside the second night of the conference. With music and dancers, the per-person cost of the luau approaches \$25.00.

A final report of the AUTOTESTCON'80 conference was submitted to the board, showing an attendance of 640 and a surplus of \$12,000 (divided among three sponsors). Since labor costs are higher in Washington, D.C. than in Orlando, we expect to do at least as well. The \$1500 seed money from the Aerospace & Electronic Systems Society has not yet been received.

The next meeting of the conference committee will be Tuesday, 12 May, at 5:30 PM, at the Orlando Public Library auditorium.

George McClure
5/5/81



AUTOTESTCON '81

ORLANDO HYATT HOUSE, ORLANDO, FLORIDA

OCTOBER 19-21, 1981

As an organization active in automatic test equipment, maintainability, support systems, or in services to these areas, you are invited to be an exhibitor at AUTOTESTCON'81 in Orlando, Florida, October 19-21, 1981.

The enclosed Exhibitor's Guide should answer most of your questions about exhibiting at this conference. Any further questions may be directed to Gene Katz of the Exhibits Committee.

Because the final booth floor plan will be dependent on the number of booths reserved, it is not feasible to assign specific booth locations at this time. However, preferences in assignment will be in the order in which firm orders for booth space are received, and the Exhibits Committee will make every effort to assure that the location is satisfactory to you.

Blocks of ten registrations may now be purchased by exhibitors and others at the advance member price of \$80.00 each, or ten for \$800.00. These registrations may be used by whomever the company selects, without regard to member status. They include attendance at the technical sessions and exhibits, three luncheons, and a copy of the conference record. A company purchasing a block of ten or more registrations will also be listed in the program as a sponsor of the conference.

Orders for booth space should be directed to Gene Katz, Martin Marietta Aerospace, P.O. Box 5837, MP-223, Orlando, FL 32855, telephone (305) 352-2491. Block registration orders, with check payable to AUTOTESTCON'81, should be sent to the Registration Chairman, Charles Curley, Martin Marietta Aerospace, P.O. Box 5837, MP-333, Orlando, FL 32855, telephone (305) 352-1300 ext. 6219.

We look forward to your participation in AUTOTESTCON'81 and hope that you will find it both stimulating and profitable.

Yours sincerely,

George F. McClure
General Chairman



Sponsored by
INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
IEEE AEROSPACE AND ELECTRONICS SYSTEMS SOCIETY
IEEE INSTRUMENTATION AND MEASUREMENT SOCIETY
IEEE ORLANDO SECTION



Participating Society
AMERICAN INSTITUTE OF
AERONAUTICS AND ASTRONAUTICS
SUPPORT SYSTEMS TECHNICAL COMMITTEE



AUTOTESTCON '81

ORLANDO HYATT HOUSE, ORLANDO, FLORIDA

OCTOBER 19-21, 1981

1981 IEEE INTERNATIONAL AUTOMATIC TESTING CONFERENCE "AUTOMATIC TESTING - KEY TO PRODUCTIVITY"

To: Gene Katz, Exhibits Chairman
Martin Marietta Aerospace
P. O. Box 5837, MP-223
Orlando, FL 32855

Telephone (305) 352-2491

We have received your invitation to participate in AUTOTESTCON '81. Please reserve the following booth space for us:

_____ Single 8' X 10' Booth @ \$800.00 _____ Triple 8' X 30' Booth @ \$2400.00
_____ Double 8' X 20' Booth @ \$1600.00 _____ Quad 8' X 40' Booth @ \$3200.00

A 20% discount applies to space reserved and for which payment in full is received by June 15, 1981. No discount applies for reservations made or payments received after that date.

_____ We enclose our deposit check for _____ (50% of the full price) and will pay the balance by September 21, 1981. We agree to abide by the rules and regulations governing exhibits at the conference, listed on the reverse side of this page, which become part of this contract.

_____ We are a D&B rated firm. Please invoice us for the full amount. We require _____ copies of the invoice and agree to abide by the rules and regulations governing exhibits at the conference, listed on the reverse side of this page, which become part of this contract. I have authority to obligate my company.

_____ We wish to take advantage of the discount and enclose our check for _____ in full payment prior to June 15, 1981. We agree to abide by the rules and regulations governing exhibits at the conference, listed on the reverse side of this page, which become part of this contract.

_____ 1000 watts of 117 VAC power is included with each booth. If you have other power requirements they can be met at extra cost if you will check this paragraph.
Power required: _____

Please return two copies.
One signed copy will be returned to you.

Accepted: _____

BY: _____

Make check payable to AUTOTESTCON '81.
Mail check and application to:

Gene Katz, Exhibits Chairman
Martin Marietta Aerospace
Box 5837, MP-223
Orlando, FL 32855

(Firm Name)

(Address)

(Zip)

By: _____

Telephone: _____

1. Installation of exhibits is from 12:00 noon Sunday, October 18, 1981, until noon Monday. All Exhibits must be dismantled by 1:30 p.m. Wednesday, October 21st. Drayage and other related services, if required, must be arranged in advance by the exhibitor through Greyhound Exposition Services, P. O. Box 13027, 901 Central Florida Parkway, Orlando, Florida 32859, Attn: John McCollum, Telephone (305) 857-1500. Shortly after receipt of your contract you will be contacted by Greyhound Exposition Services.
2. Booth Fee is for the space indicated with background draperies 8 feet high and side-rail draperies 36 inches high. A booth identification sign, 7 X 44 inches with the exhibitor's name will be provided if ordered in advance. Each booth includes a 1,000 watt electric outlet as standard equipment. Furnishings are available through Greyhound, or you may supply all or some of your own. Upon receipt of your contract by the Conference Committee, you will be sent a catalog and order form.
3. No refunds will be made if reserved spaces are not used and no refund will be made for space used only during part of the conference.
4. AUTOTESTCON '81 cannot guarantee exhibitors against loss or damage of any kind but will endeavor to provide reasonable protection to exhibitors by having a security guard on duty during non-exhibit hours. It is recommended that portable and similar units be removed from the booth when not manned.
5. Space is leased with the understanding that the exhibitor will hold the AUTOTESTCON '81 Conference harmless from any liabilities of any cause. The Exhibitor agrees with IEEE that IEEE shall not be liable for any damage or liability of any kind or for any damage or injury to persons or property during the term of this agreement, from any cause whatsoever by reason of use, occupation and enjoyment of exhibit space by Exhibitor or any person thereon with the consent of the Exhibitor, and that Exhibitor will indemnify and save harmless IEEE from all liability whatsoever, on account of any such damage, or injury, whether or not caused by negligence of or breach of an obligation by Exhibitor or its employees or representative.
6. No part of any exhibit, or any signs relating thereto, shall be posted, nailed or otherwise attached to the walls, doors, etc. in any way as to deface same. Damage arising by failure to observe these rules will be paid by the exhibitor.
7. The rights and privileges of an exhibitor shall not be infringed upon by any other exhibitor. Interviews, demonstrations, distribution of literature, or similar activity must be made inside the exhibitor's booth.
8. All structural work such as shelving, standards, display racks, signs, spotlights, audio presentations, etc. must be approved by the convention committee. We will do everything possible to accommodate your requests while respecting the rights of the other exhibitors.
9. Advertising material or signs of firms other than those who have contracted for the booth space will be prohibited.
10. All points not covered herein are subject to settlement with the Conference Committee. The foregoing regulations have been formulated for the best interest of all of the exhibitors and your cooperation is requested. The Conference Committee wants you to have a successful showing of your products. Please get in touch with the exhibits chairman if you have any problems or special requests.
11. To eliminate the negative effect caused by such actions, positively no booths may be dismantled during exhibit hours. This rule will be strictly enforced.
12. Sales and orders for exhibitors' products or services are not to be transacted on the exhibit floor.
13. Telephone service in an exhibitor's booth is the responsibility of the exhibitor. To arrange for telephone service, contact Florida Telephone Corporation at least a week in advance, at P.O. Box 339, Winter Garden, FL 32787, Attn: Marketing, or telephone Terry Mueller or Sandy Skaggs at Florida Telephone (305) 656-7000.

EXHIBIT HOURS

Monday, October 19	1:30 p.m. to 9:00 p.m.
Tuesday, October 20	8:00 a.m. to 12:00 noon
	1:30 p.m. to 5:30 p.m.
Wednesday, October 21	8:00 a.m. to 11:30 a.m.

PLANNED TECHNICAL SESSION HOURS

Monday, October 19	9:00 a.m. to 5:00 p.m.
Tuesday, October 20	9:00 a.m. to 5:00 p.m.
Wednesday, October 21	9:00 a.m. to 4:30 p.m.

A reception will be held in the Exhibition Hall on Monday, 6:30 p.m. to 9:00 p.m.

AUTOTESTCON '81

General Chairman: George F. McClure
 Martin Marietta Aerospace
 P. O. Box 5837, MP-362
 Orlando, FL 32855
 (305) 352-3782, -3220

CHAIRMAN'S REPORT
5 May 1981

1. The Computer Tutorials were successful, with registration around 800. This was less than the maximum that could be accommodated, but represented a full program.
2. The dates on the workshop on Digital Signal Processing have been changed by Dr. Simons to July 17-18, rather than the June period planned earlier. Dr. Simons believes that people will have returned from vacations by then. A comment received from a prospective registrant indicates that the fee is \$225, rather than the \$195 proposed, approved, and advertised earlier. ?
3. A detailed view of the American Association of Engineering Societies is presented in an article in Machine Design (Feb. 21, 1981). A copy is attached. It draws a parallel with the American Bar Association and the American Medical Association, but points out that the AAES is not chartered as a group that can lobby, but will work toward the general good of society. Issues such as engineering ethics, age discrimination, pension reform, importation of foreign engineers, and salary reform will not be addressed. The IEEE is by far the largest member of AAES.
4. The Media Resource Service is seeking engineers willing to be considered as experts qualified to speak to the press on topics within their spheres of expertise. Their function will be to add perspective and balance to stories developing in the press. Journalists are given name, telephone number, and areas of expertise of the volunteering engineers. More information is contained the lead editorial, "Spectral Lines" in the May Spectrum. ?
5. We have been informed that the approval of the Regional Director and the Presidents of both societies are necessary before joint chapter status can be implemented. Also required is the approval of the Executive Committee of the Section concerned. Therefore, such approvals have been requested to combine the Orlando Vehicular Technology chapter into a joint chapter with the Communications Society. Approval of the Board of Directors of the Vehicular Technology Society was obtained at their December 1980 meeting.
6. SOUTHCON'82 is looking at alternatives to the Exposition Center for their exhibits. One idea was to pitch a tent on 2½ acres north of the Sheraton Twin Towers to house 500 exhibits. The tent can be rented from a firm in Illinois. Power distribution would be a problem, involving something like a megawatt of power to be installed for three days. Charles Tindal of Col-Ins-Co and the Electronic Representatives Association, and Exhibits Chairman for SOUTHCON'82, requested that the Orlando Section get a budgetary estimate of the cost of power distribution for such a tent, to present to the SOUTHCON board at their May 12 meeting. This was done, with the aid of John Howard of Electric Construction Company and Mel Sloan of Martin Marietta (a member of the Power Engineering Society). The estimate was \$30K to \$50K, depending on the distance to Orlando Utilities access points and their degree of cooperation in permitting temporary wiring to be used.

The Exposition Center has received bids for the planned remodeling and refurbishment of that facility, and they have come in much higher than was anticipated; hence there is a good chance that the work may not be completed in time for SOUTHCON to benefit from it.

NEW UMBRELLA SOCIETY UNIFIES ENGINEERS

The engineering community at large is endorsing a national organization capable of representing all technical specialties and professional societies. This new umbrella organization provides a central mechanism for handling internal affairs, conducting external relations, and enabling engineers to speak with one voice on matters of professional interest.

MARK D. ZIMMERMAN
Staff Editor

EARLY this year, engineers joined doctors, lawyers, and other professionals in having a central organization responsive to member interests and public needs. Rather than replacing present societies, the new umbrella organization is structured to unify efforts in dealing with profession-wide concerns such as education, professionalism, and government relations.

The new unity organization—the American Association of Engineering Societies (AAES)—is expected to have considerable impact on existing societies and their members. For example, engineers should be able to project a clearer image of their importance in solving contemporary problems and they may finally gain

recognition as a vital economic and social force in America.

The Road to Unification

Far from new, the idea of a unity organization has appealed to many engineers for over 100 years. The first attempt to form an umbrella organization led to the formation of the American Society of Civil Engineers in 1851—the first of engineering's five "founder" societies.

More recent attempts to establish an umbrella organization include the creation of Engineers' Council for Professional Development (1932), National Society of Professional Engineers (1934), Engineers Joint Council (1941), and Association for Cooperation in Engineering (1974). Not surprisingly, all four of these groups have been instrumental in the

late 1970s' drive to bring engineering societies together in a single organization.

The AAES moved from concept to reality in little more than two years. The unity drive began in late-1977 with discussion among the presidents of engineering's five founder societies. The drive picked up momentum and participants through 1979, climaxing on Dec. 13 with the official changeover from EJC to AAES. The inaugural event for AAES was in Washington on Jan. 3.

By mid-January, 38 societies with a combined membership of about one million engineers had joined forces under AAES, which is based in the United Engineering Center, New York. Two large organizations not yet committed to the umbrella society are the American Institute of Aeronautics and Astronautics, and the American Society of Automotive Engineers. Nonetheless, AAES officials expect the roster of societies to exceed 50 members by the end of 1980.

The newly adopted AAES replaces Engineers Joint Council and the Association for Cooperation in Engineering, and it absorbs nonaccreditation functions of the Engineers' Council for Professional Development. The extent of change involved in these realignments is reflected in the fact that 35 societies previously belonged to EJC, 27 belonged to AEC, and 19 belonged to ECPD. Of the 40-plus societies belonging to one or more of the three organizations, only eight held memberships in all three.

Organization Priorities

The four main thrusts of AAES are evident in council-level groups that deal with public, international, engineering, and educational affairs. As outlined in the AAES constitution,

the primary responsibilities of these working bodies are taking shape along the following lines:

Educational Affairs: Promote and advance engineering by developing better educated and more qualified engineers, technologists, technicians, and others engaged in engineering and engineering-related work. This will be accomplished through accreditation programs, guidance activities, awards programs, and continuing education.

Engineering Affairs: Encourage voluntary exchanges of information, coordinate goals, and promote joint action on matters concerned with the practice of engineering in the public interest. This council will take over existing programs such as those involving profession-wide employment guidelines and a unified code of ethics. Also, the Engineering Manpower Commission will come under the auspices of this council.

Public Affairs: Coordinate engineering information and develop policy statements relevant to public issues in a way that can be understood and utilized by governments, agencies, and the public. However, only those activities that can be best pursued through intersociety cooperation will be undertaken. Also, the council will ensure that public interactions reflect the range of views held by member societies.

International Affairs: Cooperate with the engineering organizations of other countries and with international federations such as the Pan American Federation of Engineering Societies, World Energy Conference, and World Federation of Engineering Organizations. This council will also help the U.S. engineering community work with the Dept. of State

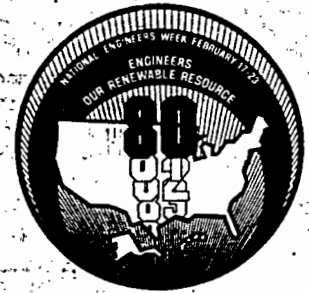
Good Omens for the Eighties

The 1980s were launched with a number of good omens for the engineering profession. One of five founder societies, the American Society of Mechanical Engineers, began a year-long centennial observance by fielding a float in the Rose Bowl Parade. Besides serving as the 100th anniversary of ASME, 1980 also marks the 75th anniversary of the Society of Automotive Engineers and the 25th anniversary of the American Consulting Engineers Council.

Leaders of the engineering profession converged in Washington in January to celebrate the launching of a new unity organization—the American Association of Engineering Societies (AAES). Held in the historic Pension Building, scene of many inaugural balls, the event attracted over 500 persons, including representatives of other professions and numerous Washingtonians.

While in Washington, the newly created AAES presented its highest honor, the National Engineering Award, to Harold Brown, Secretary of Defense. The award recognizes outstanding contributions to mankind by an engineer or team. AAES also presented a special Recognition Award to H. Arthur Nedom, a long-time advocate of engineering unity and chairman of a key committee that worked toward the formation of AAES.

More recently, the engineering profession has staged a nationwide celebration, complete with a Presidential proclamation that dedicates Feb. 17-23 to "Engineers . . . Our Renewable Resource." This theme for Engineers Week is considered especially appropriate for beginning the 1980s because it calls attention to the profession's many achievements, including that of a new umbrella organization.



and United Nations, organize exchange visits with other nations, and develop technology-exchange programs.

Each council has a chairman and vice-chairman elected by a board of governors, plus a secretary-treasurer appointed by the president. The affairs of each council are directed by a management committee which, in turn, is assisted by an executive committee. The work of a council is performed by committees for administrative functions, commissions for long-term projects, and panels for short-term projects.

As autonomous entities, the councils are allowed to develop their own procedures. However, these must conform to AAES bylaws, meet goals outlined by the board of governors, and comply with constraints in Section 501 (c) (3) of the U.S. Inter-

nal Revenue Code.

Member Requirements

AAES is directed by a board of governors (B/G) consisting of the top elected and staff officials from member societies. Each society has two representatives on the board. One of them must be the society's president, president-elect, or immediate past-president. The other B/G representative is its executive secretary or director. Alternates selected by a society must be from one of its remaining elective officers.

Practically all national engineering societies are eligible to become full-fledged members of AAES. Societies with members not meeting basic education and experience requirements, yet considered to be of "significant value to the engineering community," may become

A New Basis for Unity

Engineering teams with organizations. But none has fulfilled the profession's dire need for a strong, representative association. How the 20 largest engineering societies are allied with the three major multidisciplinary groups—Engineers Joint Council, Engineers' Council for Professional Development, and the Association for Cooperation in Engineering—is shown in the table. All three of these groups are being replaced by the new American Association of Engineering Societies.

Members	Engineering Society			
	EJC	ECPD	ACE	
180,000				Inst. of Electrical and Electronics Engineers (IEEE)
80,000				American Society of Mechanical Engineers (ASME)
75,000				American Society of Civil Engineers (ASCE)
75,000				National Society of Professional Engineers (NSPE)
68,000				Am. Inst. of Mining, Metall. & Petrol. Eng. (AIME)
45,000				Society of Manufacturing Engineers (SME)
41,000				American Society for Metals (ASM)
40,000				American Institute of Chemical Engineers (AIChE)
35,000				Society of Automotive Engineers (SAE)
32,000				Am. Soc. of Heating, Refrig. & Air Cond. Eng. (ASHRAE)
27,000				American Institute of Industrial Engineers (AIIE)
26,000				American Inst. of Aero. & Astro. (AIAA)
24,000				American Society for Quality Control (ASQC)
22,000				Society of American Military Engineers (SAME)
21,000				Instrument Society of America (ISA)
20,000				Society of Plastics Engineers (SPE)
14,000				American Society of Safety Engineers (ASSE)
14,000				American Society for Engineering Education (ASEE)
12,000				American Nuclear Society (ANS)
11,000				Illuminating Engineering Society (IES)

■ = Partial services.

members through a three-fourths vote of the AAES board of governors. The association also has provisions for societies to participate as associate, regional, or affiliate members.

The financial support for AAES is derived primarily from dues paid by member societies. An annual assessment of dues is based mainly on the number of U.S. voting members, and partly on a society's membership classification. At least 80% of dues go directly into a general-funds account; however, a society can earmark up to 20% of its dues for certain AAES councils. Other sources of income include grants, charitable contributions, and other payments which may be applied to specific projects or to general expenses.

Unique dues structures help AAES to resolve a potential inequity between societies formed along disciplinary or functional lines, and those who draw members from a full spectrum of engineers. The latter societies can negotiate for a special reduction in dues assessment with the AAES board. This method of assessing dues on the basis of the financial burden already borne by a society should benefit groups such as the American Consulting Engineers Council, American Society of Engineering Education, National Council of Engineering Examiners, and National Society of Professional Engineers. However, groups opting for reduced dues will also have proportionately lower voting strength.

Authority and Concern

From the outset, the founders of AAES insisted on provisions that preserve the identities and prerogatives of member societies. The top-level board of governors, for example, employs a system of proportional voting that allows a member society to split its vote in any way it sees fit to reflect the internal views of that society. Also, AAES will undertake only those technical activities that can be pursued best by intersociety cooperation and that do not pre-empt the interests of any member society. And, from a public-affairs standpoint, the AAES constitution stipulates that the organization's activities and pronouncements must faithfully delineate the range of majority and minority views of member societies.

As presently organized, AAES cannot function as the engineering equivalent of the American Medical Association or the American Bar Association. A critical difference between AAES and the other groups is embodied in the lobbying and tax status of the new organization. The AAES is registered as a charitable, educational, and scientific organization that does not lobby, but works toward the general good of society. The AMA and ABA are categorized as trade organizations that are entitled to lobby, often promoting their own causes and interests.

The non-activist status of AAES is intentional. Its founders do not want the society to be just another lobby and feel that it cannot compete effectively with existing groups. Society insiders recognize the desire for more clout on the part of many engineers and admit that the group's present status is by no means a closed issue.

Although the AAES will focus its attention on improving

the profession and advancing science and technology, it will not be mute where the larger social issues are concerned. To the contrary, the new unity organization is proof that the engineering community is broadening its outlook and becoming more sensitive to the engineer's responsibility to the public's interest.

Along with other elements of society, the engineering profession entered an era of social involvement during the 1970s. Sparked by a combination of factors, the new wave of social consciousness and public mindedness often had difficulty finding a suitable form of expression. A single organization for all engineers will enable the profession to speak with one voice, clearly and authoritatively, regarding the dedication of its members to integrity, competence, and the public interest. This capability should establish, once and for all, the much-needed credibility the engineering community has sought with the general public and elected officials.

"Through the AAES, we will be in a better position to focus the resources of the engineering societies on technological issues of national and international importance," says Carl Frey, AAES executive director and former executive director of EJC. By working in concert, pooling expertise in various disciplines, and sharing facilities and staffs, the various societies can achieve a much greater Washington presence.

The capability of coordinating many diverse activities provides the AAES with a powerful means for resolving conflict between technical and professional/public-interest priorities that plagues most societies. This should alleviate pressure from members, let individual societies concentrate resources where they will do the

most good, and provide a more balanced program of activities and benefits.

Off-Heard Complaints

The unity movement is not without its critics. Probably the most universal complaint voiced by engineers is that an umbrella organization may be dominated by vice presidents, directors, and managers of engineering. Such "leaders," critics argue, will reflect the concerns of business and industry and will not effectively represent grass-roots engineers, who financially support the various engineering societies.

Another complaint questions whether the AAES will do any more than many of the existing societies in providing engineers with accolades and society memberships that further their own ambitions. Engineers who voice this complaint have grave misgivings about entrusting power to a supersociety before the organizations that comprise it can police their own members and enforce a genuine code of ethics.

Other criticisms are based on the fear that an umbrella society will not be able to deal with the issues that affect individual engineers most. Critics voicing this fear argue that age discrimination, over-zealous recruiting, intrusion of foreign engineers into American companies, pension reform, and salary improvement are best attacked by the societies representing specific engineering disciplines. The failure of many societies to do a good job in this regard is not seen as a justification for creating another, more "distant" organization.

1980: Time of Transition

Most observers expect 1980 to be a year of transition for AAES as it tries to preserve effective working mechanisms while setting up and staffing new or-

ganizational structures. At least two dozen projects or activities must be kept on track during the critical phase-in period.

Many societies admit that it is still too early to say exactly what their roles will be within AAES. For example, the obvious major interest of the American Society of Engineering Education will be in the education council, but even AAES does not know if its participation will be confined to a single role.

Several important engineering organizations are already cooperating with the AAES. For example, the Accreditation Board for Engineering and Technology (ABET)—previously known as the ECPD—will transfer several functions not directly related to accreditation to the appropriate councils of the AAES over the next 12 months. The assignment of these activities will occur when the councils are viable and able to accept responsibility for these functions.

Another important engineering organization, the NSPE, staunchly supports "the strongest possible voice" for the engineering profession. "If the AAES provides that voice," says Donald Leonard, NSPE spokesman, "then we will support the AAES." While the NSPE will continue to operate as it has in the past, it may dovetail its extensive Washington operations with those of AAES.

NSPE traditionally bills itself as "the only society representing every field in the engineering profession," yet it was the first to offer a commitment to the new unity organization. Society spokesmen point out that NSPE has always encouraged the spirit of intersociety cooperation. Therefore, the society will maintain its liaison activities, spearhead an annual public affairs forum, and sponsor Engineers Week. MD

IEEE Orlando Section
Executive Committee Meeting
5 May 1981

The meeting was called to order by the Section Chairman, George McClure, at 5:41 p.m. at Stromberg-Carlson in Winter Park. Other attendees were Deen Khandelwal, Bill Kownaki, Herb Towle, Bill Cram, Ed Ellis, George Taack, Jr., Everett Hales, Frank Fluet, Mannie Connell, Joe Massett, Carl Schunemann and Fred Simons Jr. Meeting agenda is attached as Attachment A. George McClure thanked Deen Khandelwal for taking over Section Secretary's job as acting Secretary.

1. Minutes of April 7, 1981 Meeting: Bill Cram pointed out that his name was missing from the list of attendees. With this correction in the minutes, Bill Cram moved and Frank Fluet seconded the motion to accept the minutes. The motion was passed.
2. Treasurer's report was submitted by Mannie Connell. It showed a balance of \$8583.32 as of 1 May, 1981. The report was accepted as moved by Ed Ellis and seconded by George Taack and is attached as Attachment B. He also reported that a meeting of the Finance Committee will be called when the new executive committee is elected.
3. Society Chapter Reports.
 - a. AES - Everett Hales reported the lack of communication from the chapter members and expressed difficulty in carrying it on. George McClure suggested that the possibility of merging AES with VT and Communication Societies should be reconsidered.
 - b. Communication - George Taack reported on the society meeting of April 29 at Stromberg-Carlson on Digital Trunk Expanders and on Elections. The new society officers are: Chairman, Don Mendorf; Vice Chairman, George Taack; Secretary, Bill Strickland; and Membership, Walt Walters.
 - c. Computer - Joe Massett reported on the society meeting of May 15 and on the tutorials. The tutorials were very successful with 242 attendees. Approximately 50% of the attendees were IEEE members and 25 signed for new memberships.

Tutorials for 1982 (3rd week of March) are being planned.
 - d. Electron Devices - No Report.
 - e. MTT - Carl Schunemann reported that the chapter is drifting towards inactive side and is trying to rejuvenate it. Al Fowler is considering Chairmanship for next year. He brought up the question of combining with AP. It was pointed out that even AP has very few members.

- f. Power Engineering and Industrial Applications - George McClure reported about the forthcoming meeting of the society on June 18 and that the elections are planned and the society is still looking for candidates.
- g. Vehicular Technology - See Chairman's report regarding steps towards merging VT with communication society.
- h. Student Branch - No Report.

4. Standing Committee Reports:

- a. Programs - Herb Towle reported that the attendance at the last meeting was poor because the Section Notes were late. Tickets for the dinner meeting of May 22 are on sale at a rate of \$11.00 each. The Speaker at this meeting will be Mr. C. R. Markum, Mgr., Product Engineering, Westinghouse Steam Turbine Generators.
- b. Membership Development - Frank Fluet reported that new flyers and kits for senior membership have been received. Our membership stands at 720 now. It was pointed out that our incentive program for new members expires this year.
- c. Publicity - No Report.
- d. Facilities and Arrangements - No Report.
- e. Publications - No Report. Need new person to take charge of this department.
- f. Awards - No Report.
- g. IEEE - FES Liaison - No Report.
- h. Professional Activities - Ed Ellis reported that an important IEEE Careers Conference will be held in October, 1981, in Denver. This conference will focus on "What's Working to Enrich Engineering Careers" and is being organized by the Career Maintenance and Development Task Force of the USAB.

It is requested that we help identify engineers, engineering managers and personnel-professionals, who should participate in this conference. Ed Ellis also reported that the House Committee's tax bill proposes to liberalize Lera Concept.

If enacted, the Ways and Means Committee's forthcoming tax bill would liberalize pension legislation to allow employees to purchase their own IRA's even though they are already covered by an employer pension plan. Committee members have heard and understood IEEE testimony on the problems faced by engineers and other mobile workers in providing their retirement years. Under consideration are:

- 1) IRA's: increase \$1,500 limit to \$2,000; increase percentage limit on earned compensation from 15% to 100%.
- 2) Universal IRA: extend IRA coverage to include persons with other pension coverage with a \$1,000 limitation on contributions.
- 3) Keogh Plans: liberalize \$7,500 limit to \$15,000

Ed further reported that a legislation has been recently introduced that would eliminate the exclusion of sales tax collection on Professional Services. This exemption is eliminated by the last paragraph of G.B. 274 in the Florida Legislature. Please contact your Florida State Representative and actively oppose the removal of this exemption. Professional Services should remain exempt from sales tax collection.

- i. Student Activities - Ben Patz reported that the new student counsellor will be Richard Miller. The policy of making an award to an outstanding student has been re-initiated and that this year's award will go to Jerry Becker. He also reported that the student branch did not make use of our offer of support to help them participate in Southeastcon.
- j. Finance Committee - No Report.

5. Special Committee Reports.

- a. Election - The Election Committee consisting of Ernie Erickson, Geof Dick and Deen Khandelwal with Ernie Erickson as Chairman, presented the slate of the officers and then reported the election results as follows:

Chairman	Dr. Ben Patz
Vice-Chairman	Mannie Connell
Treasurer	Ed Ellis
Secretary	Joe Massett

- b. SOUTHCON '82 - See Chairman's report, Item No. 6.

- c. AUTO TEST CON '81 - The report submitted by George McClure is attached as Attachment C.
- d. Education - Please also see Chairman's report Item #2. The workshop dates have been changed to July 17 and 18 '81. For fees, Ed Ellis moved and Joe Massett seconded the motion for a \$1,000, instruction fee for Dr. Simons. The motion was carried.

Later when Fred Simons joined the executive committee meeting, the discussion on the workshop was reopened. Fred Simons reported that Dean of the Engineering School at U.C.F. increased the workshop fees from \$195 to \$225 for budgetary reasons and to include lunch. Fred then moved and Ernie Erickson seconded that those asking for \$195 registration based on section notes should be given that price as IEEE members. The motion carried. Simons moved that the instructor's fees be re-established at \$1,200 with freedom to reduce it to any level he likes. The motion was tabled. Ed Ellis then moved that \$1,200 be set as the upper limit for instructor's fees and final adjustment be left at the Section Chairman's discretion. It was seconded by Fred Simons and it was carried.

- e. Historian - No Report.

6. Unfinished Business

Mannie Connel brought out the subject of Bob River's letter and actions discussed at the April 7th meeting regarding the IEEE election of the President-Elect. Herb Towle moved and Bill Cram seconded the motion to table the discussion on the subject. The motion was carried with 10 in favor and 4 against.

7. New Business

- a. Ben Patz asked about the Section By-Laws and George McClure clarified that we do have a copy of the By-Laws.
- b. George McClure discussed about AAES, the umbrella society per chairman's report, item #3. He also distributed copies of a reprint from "Machine Design" of Feb 21, 1980 on the subject.
- c. Ben Patz submitted a report on Region III meeting at Southeastcon in Huntsville. A copy of the report is attached as Attachment D.

- d. Executive Committee Meeting during Summer - The subject was discussed and Geof Dick moved that we resolve to have 11 meetings in a year. The motion failed due to lack of second. Simons moved that we drop June meeting. The motion failed due to lack of the second. Consistant with the old practice, the next meeting was scheduled for August 4, 1981 at Stromberg-Carlson Education Center in Winter Park at 5:30 p.m.

8. Chairman's Report - See Attachment E.

The attachments referred to in this report are not included. If you would like to have a copy please call Deen Khandelwal.

Deen Khandelwal moved to adjourn the meeting, and Ben Patz seconded. The motion was carried and the meeting was adjourned at 7:06 p.m.

Respectfully submitted

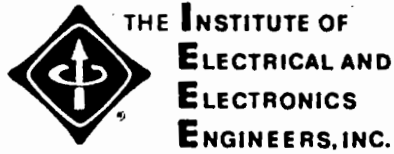
D. D. Khandelwal

Dr. Deen D. Khandelwal
Acting Secretary
IEEE Orlando Section

IEEE ORLANDO SECTION EXECUTIVE COMMITTEE

MEETING AGENDA
5/5/81 5:30PM

1. MINUTES APPROVAL
2. TREASURER'S REPORT Mannie Connell
3. SOCIETY CHAPTER CHAIRMEN'S REPRESENTATIVE Joe Massett
4. SOCIETY CHAPTER REPORTS:
 - a. AES Everett Hales
 - b. Communications Don Mendorf
 - c. Computer Joe Massett
 - d. Electron Devices Mickey Mindock
 - e. MTT Carl Schunemann
 - f. Power Engrg & Ind. Applications Geof. Dick
 - g. Vehicular Technology Mel Kelch
 - h. Student Branch Gerry Becker
 - i. Student Chapter, Computer Society Tom Toor
5. STANDING COMMITTEE REPORTS:
 - a. Programs Herb Towle
 - b. Membership Development Frank Fluet
 - c. Publicity Dave George
 - d. Facilities and Arrangements
 - e. Publications Jerry Kopensky
 - Advertising Business Manager Bill Kownacki
 - f. Awards Bill Cram
 - g. IEEE-FES Liaison Dick Harden
 - h. Professional Activities Ed Ellis
 - i. Student Activities Ben Patz
 - j. Finance Committee Mannie Connell
6. SPECIAL COMMITTEE REPORTS:
 - a. Nominations Russ Theisen
 - b. SOUTHCON Bruce Mathews
 - c. AUTOTESTCON '81 George McClure
 - d. Education Fred Simons
 - e. Historian Russ Theisen
7. UNFINISHED BUSINESS
8. NEW BUSINESS
 - a. Schedule of Executive meetings for the summer
 - b. Report on Region 3 Meeting Ben Patz
9. ADJOURNMENT



IEEE ORLANDO SECTION
Treasurer's Report

PLEASE REPLY TO:

Statement of Account From 1 March to 1 April 1981

Checking	\$1390.70
Savings	7167.15
Currency	<u>0.00</u>
Total	\$8557.85

Cash Recieved

Checking	\$225.70
Savings	<u>1000.00</u>
Total	\$1225.70

Cash Disbursed

Checking	\$1205.23
Savings	<u>0.00</u>
Total	\$1200.23

Cash Balance as of 1 May 1981

Checking	\$416.17
Savings	8167.15
Currency	<u>0.00</u>
Total	\$ 8583.32

Statement of Income From 1 April to 1 May 1981

Hewlett Packard	\$120.00
IEEE Option II Interest	<u>105.70</u>
Total	\$225.70

Statement of Disbursements From 1 April to 1 May 1981

Dryfus	\$1000.00
Frank Fluet-Membership exp.	9.99
Peter Simko-Comp Soc. Dues.	4.50
Seminole House Printers	<u>185.74</u>
Total	\$1200.23

Mannie Connell
Mannie Connell - Treasurer Or. Sec.

AUTOTESTCON '81

Some 20 session chairmen and members of the technical program committee attended a papers review session held at the Hyatt House on Tuesday, 28 April from 8:30 AM to 1:00 PM. At this meeting the majority of the papers selection from among the 106 papers submitted was completed. Authors are being notified of their acceptance or rejection. There will be at least 20 technical sessions with 4 or 5 papers each, plus 2 or 3 workshops, topics yet to be defined.

A contract has been signed with Greyhound Exposition Services to serve as conference service contractor. Mailing has started on the exhibitor guides. A copy of the contract form for exhibitors is attached.

One-third of the exhibition hall has been committed to our service, but we may need more. The Florida Home Builders' Association is following us at the Hyatt, and their show will take over our booths at tear-down time.

The AUTOTESTCON Board of Directors met at the Hyatt House on 14 April, during the ATLAS meeting at the Gateway Hilton, and reviewed our plans for technical program, exhibits, and a planned Luau to be held poolside the second night of the conference. With music and dancers, the per-person cost of the luau approaches \$25.00.

A final report of the AUTOTESTCON '80 conference was submitted to the board, showing an attendance of 640 and a surplus of \$12,000 (divided among three sponsors). Since labor costs are higher in Washington, D.C. than in Orlando, we expect to do at least as well. The \$1500 seed money from the Aerospace & Electronic Systems Society has not yet been received.

The next meeting of the conference committee will be Tuesday, 12 May, at 5:30 PM, at the Orlando Public Library auditorium.

George McClure
5/5/81

REPORT OF REGION III MEETINGS AT SOUTHEASTCON-HUNTSVILLE

By: Benjamin W. Patz

There were two full days of meetings. The first devoted to Region III business and general, but new IEEE information. The second day was devoted to Professional Activities. This report is not a complete description of all the topics covered but a brief summary of those I filtered as being of most interest to our section.

- Region III -- By Laws:

The revisions passed as proposed except for one concerning Southcon. The passed amendment reads

Section 2 SOUTHCON

c. Region 3 will receive a 20% share of operating surplus when such surplus is declared by the SOUTHCON Board of Directors and will similarly be liable for 20% of any deficit that may accrue - "after SOUTHCON'S reserves have been exhausted".

- Some sections will be receiving, as a trial basis, lists of students who have just moved into their area. This is for testing for improving student to member transfer ratio. First year dues after graduation is at 50% rate.

- There is a \$9300 budget for Region III PAC activities. Send proposals to Ron Wojtasinski.

- Ron Waters and Ron Wojtasinski are available to speak to sections concerning PAC goals and activities.

- FCIEEE - Vern Powers requests meeting notice of all section Executive Committee meetings.

- Dave McLaren - Region III Director - requests feedback from sections concerning national to section rebates. Possible suggestions

- need a minimum rebate amount to fund section activity
- eliminate the tutorial limit
- greater rebate for higher grade member
- increase rebate for new member
- eliminate \$1.00 penalty for lost/moved member

Note: National wants to rebate less to "wealthy sections"

- Next FCIEEE officer workshop
 - 6 June - 9 am
 - Orlando - Sheraton Jet Port
 - Southeastcon schedule
 - 1982 Ft. Walton Beach - Carolyn Schauble
 - 1983 Orlando - Russtheisen
 - 19 Louisville - Tony Shields and George Spalding
 - SOUTHCON -- Atlanta January 81
 - 7500 attendees
 - 10,900 registrations
 - 480 booths, 240 exhibits
 - \$35,000 surplus, Region III share ~ \$1,700.
 - Substantial discussion of potential and possible real problems with SOUTHCON detracting attendance and vitality of Southeastcon.
 - Southeastcon for students (?????)
 - SOUTHCON = trade show with emphasis on devices and components
 - Southeastcon = 1/3 industry, 2/3 industry with emphasis on systems and region activities
- Note: Ron Wojtasinski and Carolyn Schauble are coordinating activities and "swapping papers".
- Bob Coleman plans to reactivate student journal - 2 issues planned for 1982.
 - Art Reed Section III Treasure
 - About \$19,000 spent for Region III meeting at Southeastcon last year
 - \$8,000 budgeted for travel while \$10,000 spent
 - Continuing education activities dropped
 - Southeastcon generates Region III budget beyond nation rebate
 - There is a need for a self-sustaining operating committee for PAC
 - registration
 - pension (active item)
 - career
 - The Arnold AFB service contract activity by Dr. Herb Hear was successful. He discussed the wage busting problem with the base commander.

The Second Day's activities (USA PAC) are summarized below.

- USAB view graphs available for local talk from Dr. Ron Fredericks
- First goal of USAB: Develop the minuteman program for a pension reform bill. Minutemen: = engineers ready to contact congressmen, state legislators BY PHONE to present their views now, as a bill is scheduled for a vote.
- 80% of american work force does not vest in a pension.
- IEEE actively envolved in service contract problems
 - 1967 ~ \$ 20 Billion
 - 1977 ~ \$ 36 Billion
 - 1979 ~ \$110 Billion in ~ 38,000 service contracts
- Wage busting still going on.
 - IEEE attempted in 1977 to get blue color/white color parts of service Contract Act of 1965 amended to cover engineers - unsuccessful.
- USAB Task Force Goals
 - Dialog Industry/USAB/societies/members
 - Strengthen OMB - 78
 - Monitor OMB - 78
 - Congressional action
 - Establish continuity of purpose
 - Create procedure for confidential data
 - institute local PAC's

Note: OMB-78: = current government regulation covering service contracts - not a law.

• Career Development

Larry Dwon (919) 542-2903
103 Hudson Hills Road
Pittsboro, North Carolina 27312

is available to speak to students. He is funded via USAB.

- Last year was first year IEEE was allowed to lobby.
- Those interested in "lobbying" contact local Chamber of Commerce, which sponsor local lobbying seminars: = how to speak effectively with your legislative aid.
- USAB needs position papers on policies - volunteers?

enfat
Respectively submitted: B. W. Patz

CHAIRMAN'S REPORT
5 May 1981

1. The Computer Tutorials were successful, with registration around 800. This was less than the maximum that could be accommodated, but represented a full program.
2. The dates on the workshop on Digital Signal Processing have been changed by Dr. Simons to July 17-18, rather than the June period planned earlier. Dr. Simons believes that people will have returned from vacations by then. A comment received from a prospective registrant indicates that the fee is \$225, rather than the \$195 proposed, approved, and advertised earlier.
3. A detailed view of the American Association of Engineering Societies is presented in an article in Machine Design (Feb. 21, 1981). A copy is attached. It draws a parallel with the American Bar Association and the American Medical Association, but points out that the AAES is not chartered as a group that can lobby, but will work toward the general good of society. Issues such as engineering ethics, age discrimination, pension reform, importation of foreign engineers, and salary reform will not be addressed. The IEEE is by far the largest member of AAES.
4. The Media Resource Service is seeking engineers willing to be considered as experts qualified to speak to the press on topics within their spheres of expertise. Their function will be to add perspective and balance to stories developing in the press. Journalists are given name, telephone number, and areas of expertise of the volunteering engineers. More information is contained the lead editorial, "Spectral Lines" in the May Spectrum.
5. We have been informed that the approval of the Regional Director and the Presidents of both societies are necessary before joint chapter status can be implemented. Also required is the approval of the Executive Committee of the Section concerned. Therefore, such approvals have been requested to combine the Orlando Vehicular Technology chapter into a joint chapter with the Communications Society. Approval of the Board of Directors of the Vehicular Technology Society was obtained at their December 1980 meeting.
6. SOUTHCON'82 is looking at alternatives to the Exposition Center for their exhibits. One idea was to pitch a tent on 2½ acres north of the Sheraton Twin Towers to house 500 exhibits. The tent can be rented from a firm in Illinois. Power distribution would be a problem, involving something like a megawatt of power to be installed for three days. Charles Tindal of Col-Ins-Co and the Electronic Representatives Association, and Exhibits Chairman for SOUTHCON'82, requested that the Orlando Section get a budgetary estimate of the cost of power distribution for such a tent, to present to the SOUTHCON board at their May 12 meeting. This was done, with the aid of John Howard of Electric Construction Company and Mel Sloan of Martin Marietta (a member of the Power Engineering Society). The estimate was \$30K to \$50K, depending on the distance to Orlando Utilities access points and their degree of cooperation in permitting temporary wiring to be used.

The Exposition Center has received bids for the planned remodeling and refurbishment of that facility, and they have come in much higher than was anticipated; hence there is a good chance that the work may not be completed in time for SOUTHCON to benefit from it.

GFM
5/5/81