

MINUTES OF THE
THIRTY-EIGHTH ANNUAL MEETING
OF THE SOUTHEASTERN SECTION
of the
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
April 5, 6, 7, 1972

The thirty-eighth annual meeting of the Southeastern Section of the American Society for Engineering Education was held on April 5, 6, 7, in Knoxville, Tennessee, with the University of Tennessee serving as host. The published list of registrants indicated an attendance of 300 men and 59 ladies.

At the opening session, President Donald M. Vestal, Jr. presided and called the 38th annual meeting to order.

Dean Fred N. Peebles, College of Engineering, Univ. of Tennessee welcomed the group to the Knoxville area and special requests for all members to visit the engineering school on the campus. Dean Peebles introduced Dr. Archie R. Dykes, Chancellor of the University of Tennessee who welcomed the group on behalf of the University.

Dr. Ralph Fadum, Vice-President & Chairman, Council of Sections, Zone II, honored the Section with his presence at the meeting. President Vestal introduced Dr. Fadum, as keynote speaker, addressed the meeting on the subject, "The Need for Engineers." It was very informative as he examined the decline in Engineering enrollment and its impact on society. Dr. Fadum further stated that meeting the needs of technology to provide the quality and improvement of life we desire is an objective of the engineer of the future.

Composition of the standing Committees, who served during the previous year, are as follows:

Nominating Committee:

Col. L. K. Himelright, the Citadel, Chairman
M. I. Mantell, University of Miami
H. C. Simrall, Mississippi State University

Place of Meeting Committee:

C. E. Littlejohn, Clemson University, Chairman
J. S. Brown, Tennessee Technological University
H. C. Saxe, University of Louisville

Western Electric Award Committee:

A. E. Durling, University of Florida, Chairman
E. E. Stansbury, University of Tennessee
P. D. Cribbins, North Carolina State University
F. D. Maher, Virginia Polytechnic Institute & State University

Resolutions Committee:

M. E. Forsman, University of Florida, Chairman
G. M. Moelter, Celanese Fibers Co.
P. F. Pasqua, University of Tennessee

At the Annual Banquet, Col. Loring K. Himelright, past President, gave the invocation. President Vestal introduced the head Table and thanked McGraw-Hill for the social hour held at the faculty club. President Vestal announced the winner of the Dow Outstanding Young Faculty Award as Dr. Oscar N. Garcia, University of South Florida with Dr. Fred W. Beaufait, Vanderbilt University, as alternate. Earl I. Brown, Chairman of the Research Unit presented the Annual Award of the Research Unit for outstanding Contribution in Research to (1) Dr. Gerald Cook, University of Virginia, for his paper, "The Singular Control Problem and Approximate Solution" and (2) Dr. Harold Mott, University of Alabama, for his paper "Pseudorandum Coding for Improved Problem and Approximate Solutions."

Dean Robert E. Uhrig, University of Florida presented one of the 1972 Western Electric Fund Awards to Dr. Donald Gene Childers, University of Florida. Associate Dean Henry D. Smith, N. C. State University presented the other 1972 Western Electric Fund Award to Dr. Mahmet Necati Ozisik, N. C. State at Raleigh.

President Vestal thanked the Dow Chemical Co. and Western Electric for making their awards available to the Section.

Entertainment following the banquet was introduced by Prof. Buford Smith, Jr., Chairman of the University of Tennessee Host Committee. The U.T. Singers under the direction of Dr. Guy Bockman, an outstanding group, presented a delightful evening of selections entitled "Music of America."

The following officers of Units and Divisions were elected for the next year:

Administrative Unit:

Chairman: Dean L. G. Rich, Clemson University
 Vice-Chairman: Dean Thomas E. Stelson, Georgia Tech.
 Secretary: Dean Reginald L. Amory, N. C. A. & T. University

Research Unit:

Chairman: Chalmers M. Butler, University of Mississippi
 Vice-Chairman: Jerry Counts, Virginia Polytechnic Inst. & State Univ.
 Treasurer: Marion E. Forsman, University of Florida
 Secretary: Milton E. Raville, Georgia Tech.

Instructional Unit:

Chairman: William B. Stiles, University of Alabama
 Vice-Chairman: Joe W. Reece, Auburn University
 Secretary: Z. W. Paul Dybczak, Tuskegee Institute
 Chm. ERM Activities: Richard W. Englehart, University of Florida

Civil Engineering Division:

Chairman: Bruce A. Tschantz, University of Tennessee, Knoxville
 Vice-Chairman: Percy M. Wimberly III, Univ. of S. C., Spartanburg

Engineering Graphics Division:

Chairman: Buford Smith, University of Tennessee
 Vice-Chairman: Morris Jacobs, Miami-Dade Junior College
 Secretary: William W. Langerfield, Mississippi State University

Industrial Engineering Division:

Chairman: Don Rose, Burlington Industries

Vice-Chairman: Marvin Agee, Virginia Polytechnic Inst. & State Univ.

Secretary: Robert Wimmert, University South Florida

Engineering Mechanics Division:

Chairman: Joe W. Reece, Auburn University

Vice-Chairman: L. Ray Shobe, University of Tennessee, Knoxville

Secretary: Walter E. Castro, Clemson University

New Members Executive Committee: Engineering Mechanics Division:

S. C. Gambrell, University of Alabama

Bernard E. Ross, University of South Florida

Electrical Engineering Division:

Chairman: Robert L. Thurstone, University of Alabama, Huntsville

Vice-Chairman: Ottis E. Estes, Tennessee Technological University

Secretary: Darrell Chenoweth, University of Louisville

Mechanical Engineering Division:

Chairman: G. E. Tanger, Auburn University

Executive Committee Membership Terms to expire 1976:

Mancil Milligan, University of Tennessee, Knoxville

W. Keith Marshall, University of Kentucky

Secretary: Leighton E. Sissorn, Tennessee Tech.

Relations with Industry Division:

Chairman: Cleveland S. Adams, Auburn University

Vice-Chairman: John W. Hall, General Electric Co., Atlanta, Georgia

Secretary: Stanley E. Fisher, University of Louisville

Technical Institute Division:

Chairman: Ed Weld, State Technical Inst., Nashville

Vice-Chairman: William Newman, Southern Technical Institute

Secretary: Bob Fulton, State Technical Institute, Memphis

New Faculty Delegates Program: (Formerly Young Faculty Delegate)Program Committee:

Chm. - Dr. David M. Bayer - University of North Carolina at Charlotte

Mr. Douglas Black - Southern Tech. Inst.

Mr. John T. Demel - Savannah State College

Dr. Ronald B. Cox - U. Tenn., Chattanooga, Committee advisor

President Vestal called the Business Meeting to order at 12:00 noon and recognized the Head Table.

Minutes of the thirty-seventh annual meeting at Clemson and the Treasurer's report were approved as distributed.

Prof. J. Fred O'Brien, Jr. gave a report of the meeting which considered a CES Division. It was recommended that there be a combined CES-RWI Division in the Southeastern Section. Prof. O'Brien and Prof. Cleveland Adams, Chairman of RWI for next year, will work on plans for this merger.

The Secretary presented changes to the By-Laws as previously published to the Section members. These changes were approved.

The Secretary reported the names of the officers of the Unit and Divisions for the next year.

The report of the Resolutions Committee was presented by its Chairman, Marion Forsman, Univ. of Florida. Resolutions thanking those who contributed to the success of the meeting were adopted by unanimous vote.

Dean J. S. Brown, Tennessee Technological University, reported for C. E. Littlejohn, Chairman of the Place of Meeting Committee. They report that an invitation had been received and accepted for the 1974 meeting. The report was adopted by unanimous vote.

The sites selected for the next two meetings are:

1973 - Athens, Georgia, hosted by the University of Georgia was reconfirmed.

1974 - Cookeville, Tennessee, hosted by Tennessee Technological University.

The Committee further suggests to the Place of Meeting Committee for next year that the University of Louisville, Louisville, Kentucky be given consideration for 1975.

Col. Loring K. Himelright, the Citadel, presented the report of the Nominating Committee which was approved unanimously for 1972-73.

President - Dean Robert E. Uhrig, University of Florida

Secretary-Treasurer - Cecil P. Marion, Jr., University of Miami

Mr. Francis X. Bradley, Jr., ASEE Headquarters reported on the National Membership Campaign.

Dr. George A. Gray, V.P.I. & State Univ., reported on ERM activities. Actions at the instructional Unit business session passed a motion to incorporate all ERM activities within the Unit. Action at the ERM session recommended that the Chairman of the Instructional Unit appoint a Chairman of ERM activities and a committee to assist in preparing Programs of the Unit and coordinate the activities of the National ERM Division. The Committee was appointed Richard W. Englehart, University of Florida, Chairman of ERM activities; Charles T. Carley, Miss. State Univ. and Gale E. Nevill, University of Florida.

President Vestal announced the Effective Teaching Institutes for 1971-72 for the Southeastern Section.

- (a) Tampa, Florida, University of South Florida, Nov. 18-19, 1971
- (b) Dickson, Tennessee, Vanderbilt University, April 12-14, 1972
- (c) Callaway Gardens, Georgia, Auburn University, April 26-28, 1972

President Vestal recognized the five chapters of the Southeastern Section:

- (a) University of Tennessee, Knoxville - Ray Shobe, Chairman
- (b) University of Kentucky - Keith Marshall, Chairman
- (c) Middle Tennessee - Ed Weld, Chairman
- (d) University of Miami - Cecil P. Marion, Jr., Acting Chairman
- (e) Venezuela - Chairman unknown

President Vestal made the following announcements:

(a) Thanked Secretary Marion for the distribution of the newsletter to the Section and for general excellence of his work during the year.

(b) Congratulated the Young Faculty Delegates and Dr. Ronald Cox for the fine program and leadership for their Wednesday meeting on Improving Teaching.

(c) Extended compliments and encouragement to activity coordinators for their work during the year and then by asking that they stand.

(d) Extended thanks to the Executive Board for their splendid cooperation during the year and especially Dr. George A. Gray who served as general Program Chairman and bringing an outstanding program to the Section. He also thanked all Program Chairmen for the Units and Divisions for their vital part in the success of the meeting and to Col. Loring K. Himelright went thanks for his special council as past President.

(e) Extended thanks to Dean Fred N. Peebles and his host Committee chaired by Buford Smith for conducting a fine meeting.

President Vestal called on Dean Robert E. Uhrig who spoke briefly as incoming President of the Section for 1972-73.

Prof. T. Boyle presented his Akademos Award to Prof. Joe Bennett.

Meeting adjourned at 1:30 P. M.

Respectfully submitted,



Cecil P. Marion, Jr.
Secretary-Treasurer
Southeastern Section,
ASEE

RESOLUTIONS
38TH ANNUAL MEETING
SOUTHEASTERN SECTION
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
April 5-7, 1972

WHEREAS the Southeastern Section of the American Society for Engineering Education has been the guest of the University of Tennessee, Knoxville during its 38th Annual Meeting, and

WHEREAS we wish to acknowledge with grateful appreciation the efforts of those responsible for the hospitality and superior arrangements which have contributed to the success and enjoyment of the meeting

THEREFORE BE IT RESOLVED:

FIRST, that we thank the University of Tennessee and its administration and faculty for the invitation to meet on this campus and the pleasant and stimulating experience which resulted, and

SECOND, that we express our particular appreciation to the host committee who worked so diligently under the able leadership of:

Chairman: Buford Smith

Co-Chairman: H.J. Wilkerson

Chairman of Ladies Program: Mrs. F.N. Peebles, and

Third, that we thank the University of Tennessee Center and the Conferences office for the use of their excellent facilities, their fine service, and their cordial hospitality.

FOURTH, that we thank the following for their particular contribution:

Dean F.N. Peebles for Wednesday Social hour;

Oak Ridge National Laboratory for the tour;

ORAU for the extra Wednesday session and the exhibits;

McGraw-Hill Book Company, Atlanta, Ga. for the Thursday social hour;

Engineered Products Inc.

(D.C. Doulet) for the vinyl portfolios; and

FIFTH, that we thank the news media for demonstrating their interest in engineering education by informing the public concerning our deliberations, and

SIXTH, that we warmly thank the University of Tennessee Singers and their director, Dr. Guy Bockman for their unique choral renditions of classical and modern music in a stirring manner, and

SEVENTH, that we again express our appreciation to the Western Electric Company and the Dow Chemical Company for sponsoring the awards given at the meeting.

BE IT FURTHER RESOLVED, that a copy of these resolutions be entered into the minutes of this meeting and the Secretary be instructed to transmit copies to the parties concerned.

Respectfully submitted by the Committee on Resolutions.

MARION FORSMAN, Chairman
G.M. Moelter
P.F. Pasqua

SOUTHEASTERN SECTION

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

Treasurer's Report
 April 8, 1971 to April 3, 1972

Balance on hand and reported April 8, 1971 - - - - - \$ 2,843.85

RECEIPTS:

From ASEE-Local Activities Fund - Discretionary		
Spending- - - - -	839.86	
Institutional Dues Collected - - - - -	330.00	
From Clemson Univ. - Surplus from 37th Annual Meeting -	534.51	
Total Receipts		\$ 4,548.22

EXPENSES:

Postage - - - - -	\$ 27.45	
Office Supplies - - - - -	30.00	
Young Faculty Delegate -Programmed Workshop	300.00	
Honorarium - Keynote Speaker, Clemson U. -	150.00	
Treasury for 3 Branches @ \$25.00 ea. - - -	75.00	
Printing Stationery for Pres. of Section -	9.50	
Honorarium - Secretary-Treasurer - - - - -	100.00	
Secretary and Clerical Assistance - - - - -	100.00	
Total Expenses		791.95

Balance on Hand, April 3, 1972 - - - - - \$ 3,756.27