

Minutes of the
Seventeenth Annual Meeting of the Southeastern Section
of the
American Society for Engineering Education

March 22, 23, 24, 1951

The seventeenth annual meeting of the Southeastern Section of the American Society for Engineering Education was held at Biloxi, Mississippi with the Mississippi State College as host, on March 22, 23, and 24.

A total of 176 engineering educators and their wives registered for the meeting. A copy of the registration list is attached.

The first day, Thursday, was devoted to the research branch meeting and the proceedings are not recorded in these minutes.

Friday morning the meeting was called to order at 9:30 A.M. with Dean E. B. Norris of V.P.I. presiding. The meeting was held in the Hurricane Room of the Buena Vista Hotel.

Dean Norris appointed three committees as follows:

Resolutions: Dean W. H. Hall of Duke University, chairman,
Dr. W. G. Van Note, of V.P.I., and
Dr. F. H. Pumphrey, of the University of Florida.

Nominations: Dean N. W. Dougherty of the University of Tenn., chairman
Dean J. E. Hannum, of Alabama Polytechnic Institute, and
Prof. W. A. Murray of V.P.I.

Place of Meeting: Dean L. L. Patterson of Mississippi State College,
Dean L. J. Lassalle, of Louisiana State University, and
Dean F. J. Lewis, of Vanderbilt University.

Dean Norris introduced Dr. L. E. Grinter, Chairman and Research Professor of Civil Engineering and Mechanics, Illinois Institute of Technology, who gave a report for the committee on the improvement of teaching. This was in the form of a progress report, and the final report should be available in 1952.

Dr. Grinter's report listed several suggestions on the question "How to improve teaching?" and concluded that this should be attacked from the grass roots, placing manuals in the hands of every teacher, the use of rating sheets, the do's and don't's of good teaching, class visitations, the use of discussion groups, and so forth. He concluded that the whole job boiled down to one of promotion.

Dr. R. L. Sweigert, Dean of the Graduate School at Georgia School of Technology, in discussing this same subject gave his ideas on "What constitutes a good teacher?" and listed four items which may be used as a guide to answer this question:

1. Inspiration
2. Ability to explain
3. Knowledge of the field
4. Organization.

Prof. Fred H. Pumphrey, of the University of Florida, listed five items which he felt were necessary to good teaching. They are:

1. Adequate background
2. Interest in the students
3. Adequate preparation
4. Personality
5. Ability to interest students in their work.

Dean N. W. Dougherty, of the University of Tennessee, suggested that we see what we are trying to do and fit what we are doing into that end. A copy of Dean Dougherty's paper is attached.

In the discussion period comments were made by Arthur Hill of Tulane, who suggested that the teacher try to slant his course toward the field in which the students are interested. Also student confidence may be obtained by treating grades more as compensation for work done.

Professor W. J. Seeley of Duke, suggested that research inspired teachers to do better jobs and that industrial experience also is a big help to a teacher.

Dean Lassalle of Tulane, commented on the fact that an instructor should not be too quick to criticize a student for asking a question, for so often he does not know how to word what he is trying to ask.

After a five-minute recess the chairman introduced Prof. John P. Nielson, Associate Professor of Metal Science of New York University, who read his paper on "Fundamentalization vs Specialization." A copy of his paper is attached.

Dr. F. C. Vonderlage, director of the Oak Ridge School of Reactor Technology gave a report on the school, its purpose and operation. A copy of the paper is attached.

After a brief discussion, the morning session was adjourned.

The luncheon meeting was held in the Rose Room of the Buena Vista Hotel at 1:00 P.M. with Dean R. L. Sumwalt, of the University of South Carolina, presiding.

An address of welcome was made by Dean Emeritus, L. L. Patterson, of the Mississippi State College.

Dean Earnst, of the University of Louisville, gave a report for the Committee for Cooperation with the A.E.C. and asked Dr. Thompson to make a few comments. Dr. Thompson outlined some of the text material that has been and will be available to the schools.

Dr. William Dryden, Adm. Assistant University Relations Division of the Oak Ridge Institute for Nuclear Studies, gave an outline of the

"Nuclear Summer School" which will be held August 27 to September 6 at Oak Ridge.

Dr. Henry H. Armsby was unable to be present at the meeting, but Dean E. B. Norris read two letters from him expressing his regrets and stating the possibility of the E.S.M.W.T. being reactivated.

There being no further business, the luncheon meeting was adjourned until 7:00 P.M., leaving the afternoon open for recreation.

The evening session was held in the Hurricane Room of the Buena Vista Hotel with Dean E. B. Norris presiding.

Dean Norris introduced Dr. Joseph C. Morris, vice president and Head of the Department of Physics at Tulane University, who delivered an address on "An Intangible Weapon for Defense." A copy is attached.

The Deans' Breakfast was held in the Fiesta Room of the Buena Vista Hotel at 8:00 A.M. Saturday.

The Saturday morning session was opened at 9:30 A. M. with a report of the Committee on Promotion Policies by Prof. G. F. Matthes of L.S.U., in the absence of the chairman, Dr. J. H. Mason of Georgia School of Technology. A copy of the report is attached.

A report of the Committee on Travel Allowances was given by the chairman, Dean J. E. Hannum of Alabama Polytechnic Institute.

Prof. Willard Hubbell of the University of Miami, made a motion that the committee be continued for further detailed study. The motion was seconded and passed. A copy of the report is attached.

Dean N. W. Dougherty of the University of Tennessee presented a report of the Committee on Graduate Cooperative programs, a copy of which is attached.

A progress report of the Engineering School Library Committee was given by Dean L. H. Johnson of Tulane University, a copy of which is attached.

The Business Session:

Dean Hannum made a motion that the reading of the minutes of the 16th Annual Meeting be waived and that they be approved as presented. The motion was seconded and passed.

The treasurer's report was presented and approved. Copy attached.

A report from the Nominating Committee was given by Dean Dougherty and presented:

For Chairman, Dean R. L. Sumwalt, Univ. of So. Carolina
For vice chairman, Dean J. V. Terrell, Univ. of Kentucky.
For Sec.-Treas., Prof. B. M. Bayer, Vanderbilt University
For Member of the Council, Prof. Fred H. Pumphrey, Univ. of Florida

For representative of Section on
Advisory Council on Mathematics
in Business, Industry, Science,
and Engineering, Dr. C. R. Vail, Duke University

A motion was made, seconded, and passed that the report
be accepted and that the candidates be elected without opposition.

Dean Patterson, reporting for the Committee on Place of Meeting
for 1952, suggested that the location be close to the center of the area
and Clemson College was suggested for the site.

A motion was made, seconded, and passed that Clemson be accepted
as the location for the 1952 meeting and that the time be left to the
host institution.

In the absence of Dean ^Hall, Prof. W. J. Seeley read the report
of the Committee on Resolutions, which follows.

Report of Committee on Resolutions

Whereas, the Southeastern Section of the American Society for
Engineering Education has been the guest of Mississippi State College
during its 17th Annual Meeting at Biloxi, and

Whereas, we wish to make grateful acknowledgement to all those
whose organizing skill, unfailing interest, and cordial hospitality have
contributed to the success of the meeting; therefore be it resolved that
this section express its appreciation to the staff of Mississippi State
College, who have so effectively handled the many details of the con-
ference through their local committees.

Be it further resolved that we express our appreciation to the
officers, and to the Program Committees of both the Research Branch and
the Southeastern Section for an interesting and most valuable program.

Be it further resolved that special thanks be expressed to the
speakers and that the secretary be instructed to so inform them.

Be it further resolved that special thanks be expressed to
Mrs. Harold Flinsch and her committee who so effectively arranged the
delightful ladies' program.

Fred H. Pumphrey
W. G. Van Note
W. H. Hall, Chairman

A motion was made, seconded, and passed that the report from
the committee be accepted.

Dean F. J. Lewis made a motion that the secretary be instructed to send a telegram to Col. Gail Hains expressing regret that he was unable to attend the meeting, and also that the secretary be authorized and instructed to send letters to

Dean Emeritus J. M. Robert of Tulane University,
Dean Emeritus L. L. Patterson of Miss. State University, and
Dean Emeritus George Davis of the University of Alabama
Dean Emeritus SB Earle of Clemson College

making them life members of this organization. The motion was seconded and passed.

The meeting was turned over to the new chairman who adjourned the 17th Annual Convention of the section.

BMB:ML

Bruce M. Bayer
Secretary-Treasurer

Southeastern Section
American Society for Engineering Education

Financial Statement

March 24, 1951

Balance on hand August 4, 1950	\$80.26
*Dues received from 24 schools at \$5.00	<u>120.00</u>
	\$200.26

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Jan. 3, Stamps	\$ 1.50	
Feb. 23, R. L. Sunwalt (Tel. calls & telegrams)	9.35	
March 2, Stamps	1.50	
" 2, Print programs	32.18	
" 5, Postage	.41	
" 24, Complimentary tickets	6.25	<u>\$ 51.19</u>
Balance on hand		\$149.07

*Dues collected from following schools:

- | | |
|-----------------------------|------------------------------|
| Vanderbilt University | Southwestern Louisiana Inst. |
| Duke University | North Carolina State College |
| Georgia Inst. of Technology | University of Virginia |
| University of So. Carolina | Louisiana State University |
| University of Miami | University of Alabama |
| University of Louisville | Louisiana Polytechnic Inst. |
| Virginia Military Institute | The Citadel |
| Tulane University | University of Tennessee |
| University of Kentucky | University of Florida |
| Alabama Polytechnic Inst. | Mississippi State College |
| Clemson College | Tenn. Polytechnic Institute |
| University of Mississippi | Virginia Poly. Institute |

Bruce M. Bayer
Secretary-Treasurer

SEVENTEENTH ANNUAL MEETING
SOUTHEASTERN SECTION AND RESEARCH BRANCH
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
BUENA VISTA HOTEL - BILOXI, MISS.

HOST: MISSISSIPPI STATE COLLEGE
STATE COLLEGE, MISSISSIPPI

REGISTRATION LIST

James O. Alderman	Keesler Air Force Base
C. Edward Anderson	University of Miami
Frank A. Anderson	University of Mississippi
J. F. Bailey	University of Tennessee
C. A. Basore	Alabama Polytechnic Institute
Bruce M. Bayer	Vanderbilt University
Mark W. Bentley	Mississippi State College
D. K. Blythe	University of Kentucky
Boris W. Boguslavsky	Georgia Institute of Technology
F. C. Bragg	Georgia Institute of Technology
Colgan H. Bryan	University of Alabama
F. O. Carroll	Arnold Engr. Dev. Div., Tullahoma
W. W. Chew	Louisiana Polytechnic Institute
Charles B. Cliett	Mississippi State College
J. H. Clouse	University of Miami
Charles N. Cobb	Alabama Polytechnic Institute
E. W. Conlon	University of Michigan, USAF
K. W. Coons	University of Alabama
W. H. Coppedge	Alabama Polytechnic Institute
James R. Cudworth	University of Alabama
Charles E. Cutts	University of Florida
Louis K. Davis	Keesler Air Force Base
D. P. Dixon	Louisiana State University
N. W. Dougherty	University of Tennessee
William Dryden	ORNS, Oak Ridge
A. Lee Dunlap	Tulane University
F. S. Edwards	Mississippi State College
R. C. Ernst	University of Louisville
William H. Eubanks	Mississippi State College
J. M. Faircloth	University of Alabama
B. E. Fernow	Clemson College
William S. Ferrell	Keesler Air Force Base
Mike Flanakin	Louisiana State University
Richard Fleddermann	Georgia Institute of Technology
Harold Flinsch	Mississippi State College
J. T. Folk	Louisiana Polytechnic Institute
Marion J. Fortner	Alabama Polytechnic Institute

Frederick H. Fox John H. Frye, Jr.	Tulane University Oak Ridge, Tennessee
F. J. Germano Jose Gonzalez H. F. Gregory L. E. Grinter R. H. Guess	Louisiana State University University of Alabama Air Engr. Dev. Div., Washington, D.C Illinois Institute of Technology Mississippi State College
W. H. Hall J. D. Halthiwanger C. E. Hammett J. E. Hannum M. P. Harris Robert D. Hawkins G. H. Hickox Arthur M. Hill L. K. Himelright Willard Hubbell G. G. Hughes	Duke University Alabama Polytechnic Institute Alabama Polytechnic Institute Alabama Polytechnic Institute Georgia Institute of Technology University of Kentucky University of Tennessee Tulane University The Citadel University of Miami Southwestern Louisiana Institute
G. C. K. Johnson Lee H. Johnson E. O. Jones Morris W. Jones	University of Alabama Tulane University Alabama Polytechnic Institute Clemson College
Donald J. Keirn Herbert Kuenzel	Air Research & Development University of Alabama
Leo J. Lassalle Robert M. Lehrer Miles C. Leverett Fred J. Lewis E. E. Litkenhous T. M. Lowe Walter L. Lowry, Jr.	Louisiana State University Georgia Institute of Technology NEPA Project, Oak Ridge Vanderbilt University Vanderbilt University Louisiana State University Clemson College
Dewey McCain Edward McCrady W. R. McIntosh	Mississippi State College Oak Ridge, Tennessee University of Louisville
Harry Majors, Jr. Cecil P. Marion E. P. Martinson G. F. Matthes Henry C. Maulshagen H. R. Miner Joseph C. Morris Spencer B. Murray W. A. Murray E. D. Myers H. A. Myers	University of Alabama Mississippi State College University of Florida Louisiana State University University of Alabama Chicago, Illinois Tulane University Mississippi State College Virginia Polytechnic Institute Mississippi State College ARDC, Dayton, Ohio

H. P. Neal
John P. Nielsen
L. E. Nollau
Earle B. Norris
Miles G. Northrop

Elmo J. Pappas
L. L. Patterson
M. D. Peterson
Robert G. Pitts
Fred H. Pumphrey

D. C. Reams
John C. Reed
C. W. Ricker
James H. Robert
Stanley Rubinsky

James H. Sams
Olon D. Satterfield
Lucas E. Schoonmaker
W. J. Seeley
F. J. Seiler
Roy T. Sessums
R. E. Shaver
Harry C. Simrall
Edward D. Smith
Tom W. Stallworth
R. M. Steere
F. R. Steinbacher
A. J. Still
Robert L. Sunwalt
J. A. Swartout
R. L. Sweigert

D. V. Terrell
Alberto F. Thompson
Robert E. Thorne
I. A. Trivoly

F. C. VonderLage
W. G. VanNote

Frank L. Wattendorf
V. B. Watwood
G. C. Williams
Arthur N. Winsor
Robert S. Wiseman
Carl O. G. Wittig
E. C. Wright

F. W. ZurBurg

Mississippi State College
New York University
University of Kentucky
Virginia Polytechnic Institute
University of Louisville

Keesler Air Force Base
Mississippi State College
Vanderbilt University
Alabama Polytechnic Institute
University of Florida

University of Alabama
University of Florida
Tulane University
Tulane University
Mississippi State College

Clemson College
Keesler Air Force Base
University of Florida
Duke University
ARDC, Dayton, Ohio
Louisiana Polytechnic Institute
University of Kentucky
Mississippi State College
Keesler Air Force Base
University of Mississippi
Alabama Polytechnic Institute
University of Alabama
University of Alabama
University of South Carolina
Oak Ridge, Tennessee
Georgia Institute of Technology

University of Kentucky
Atomic Energy Comm., Washington, D.C.
University of South Carolina
Clemson College

Oak Ridge, Tennessee
North Carolina State College

USAF, Washington, D. C.
Alabama Polytechnic Institute
University of Louisville
University of Florida
Mississippi State College
University of Louisville
University of Alabama

Southwestern Louisiana Institute

Visiting Ladies

Mrs. B. H. Bayer
Mrs. D. K. Blythe
Mrs. F. C. Bragg
Mrs. W. W. Chew
Mrs. E. W. Conlon
Mrs. K. W. Coons
Mrs. James R. Cudworth
Mrs. Charles E. Cutts
Mrs. R. C. Ernst
Mrs. Beverly Flanakin
Mrs. Harold Flinsch
Mrs. J. T. Folk
Mrs. Frederick H. Fox
Mrs. Helen J. Frye
Mrs. L. E. Grinter
Mrs. R. H. Guess
Mrs. Robert D. Hawkins
Mrs. L. K. Himelright
Mrs. Dulalia Johnson
Mrs. Leo J. Lassalle
Mrs. Robert N. Lehrer
Mrs. Miles C. Leverett
Mrs. Fred J. Lewis
Mrs. E. E. Litkenhous
Mrs. Walter L. Lowry, Jr.
Mrs. D. H. McCain
Mrs. W. R. McIntosh
Mrs. G. F. Matthes
Mrs. H. R. Miner
Mrs. W. A. Murray
Mrs. E. D. Myers
Mrs. Louis Nollen
Mrs. L. L. Patterson
Mrs. H. D. Peterson
Mrs. D. C. Reams
Mrs. James M. Robert
Mrs. James H. Sams
Mrs. Lucas E. Schoonmaker
Mrs. Roy T. Sessums
Mrs. R. E. Shaver
Mrs. Harry C. Simrall
Mrs. A. J. Still
Mrs. Robert L. Sunwalt
Mrs. D. V. Terrell
Mrs. Robert E. Thorne
Mrs. I. A. Trively
Mrs. F. C. VonderLage
Mrs. C. O. G. Wittig
Mrs. E. C. Wright

Recapitulation

Men.....	127
Ladies.....	49
Total	<u>176</u>

200

SOUTHEASTERN SECTION
AMERICAN SOCIETY FOR ENGINEERING EDUCATION

Mailing and Membership List, 1950

<u>Institution</u>	<u>Dean</u>	<u>Address</u>
University of Louisville	R. C. Ernst	Louisville, Ky.
University of Kentucky	D. V. Terrell	Lexington, Ky.
Virginia Military Institute	S. W. Anderson	Lexington, Va.
University of Tennessee	N. W. Dougherty	Knoxville, Tennessee
Virginia Polytechnic Institute	E. B. Norris	Blacksburg, Va.
University of Virginia	E. W. Saunders	Charlottesville, Va.
Duke University	W. H. Hall	Durham, N. C.
N. C. State College	J. H. Lampe	Raleigh, N. C.
Clemson College	J. H. Sams	Clemson, S. C.
University of South Carolina	R. L. Sumwalt	Columbia, S. C.
The Citadel	L. S. LeTellier ^{J.W.}	Charleston, S. C.
Georgia Institute of Tech.	G. L. Emerson ^{Mason}	Atlanta, Ga.
University of Florida	Joseph Weil	Gainesville, Fla.
Alabama Polytechnic Institute	J. E. Hanrum	Auburn, Ala.
Tulane University	L. H. Johnson	New Orleans, La.
University of Alabama	J. R. Cudworth	Tuscaloosa, Ala.
Louisiana State University	L. J. Lassalle	University, La.
Southwestern Louisiana Institute	G. G. Hughes	Lafayette, La.
Mississippi State College	Harold Flinsch	State College, Miss.
University of Mississippi	F. W. Kellogg	University, Miss.
Vanderbilt University	F. J. Lewis	Nashville, Tennessee
University of Miami	J. H. Clouse	Coral Gables, Fla.
Louisiana Polytechnic Institute	R. T. Sessums	Rushton, La.
Tennessee Polytechnic Institute	J. M. Henderson	Cookeville, Tenn.

Receives information, but is not a member:

University of Chattanooga	R. A. Merrill	Chattanooga, Tenn.
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