

THE SOCIETY FOR THE PROMOTION OF ENGINEERING EDUCATION
EIGHTH ANNUAL MEETING OF THE SOUTHEASTERN SECTION
UNIVERSITY OF KENTUCKY, LEXINGTON, KY.
April 25th and 26th, 1941

The University of Kentucky was host to the Southeastern Section of S. P. E. E. for their eighth annual meeting held April 25th and 26th 1942.

The first session was called to order by the chairman, Assistant Dean W. E. Freeman of the University of Kentucky at 10 A.M. April 25th. Dean Thomas Cooper, acting president, and representing the University of Kentucky, gave the section a most cordial welcome to the University and to the Blue Grass Country of Kentucky.

Following the address of welcome there was a short business meeting for the purpose of appointing committees. The following committees were appointed:

Committee on place of meeting:

Prof. H. A. Fischer, North Carolina State College.
Dean L. L. Patterson of Mississippi State College.

Committee on Resolutions:

Dean George J. Davis, University of Alabama.
Dean Fred J. Lewis of Vanderbilt University.

Committee on Nominations:

Dean S.B. Earle of Clemson College.
Prof. F. W. Lancaster of North Carolina State College.
Prof. Daniel V. Terrell, University of Kentucky.

The subject for discussion at the morning session was, "The place of the Engineering College in the National Defense Program" The discussion was lead by a paper presented by Dean Blake R. Van Leer of N.C.State College. After a brief history of the engineer in national defense Dean Van Leer brought out the following:

1. The engineer should be made available for civil rather than military pursuits.
2. The engineering teachers should be left at their posts where they could continue to furnish more engineers.
3. That additional funds should be provided by the government for additional courses such as the present E.D.T. courses.
4. The remedies for some of the present ills he said were
 - a. A continuation of E.D.T. Program. b. The establishment of more engineering experiment stations and c. the esablishing of government scholarships.

Professor Wiley R. Wendt of the University of Louisville followed Dean Van Leer in the discussion. Prof. Wendt agreed with Dean Van Leer in most that he said but thought that there were many draw backs to the plan to speed up our four year plan. He also said that he felt that we should be able to find some better solution to our difficulties than asking for government subsidies.

Dr. W. Harold Taylor of the University of Alabama completed the discussion with some statistics on E.D.T. courses at the University of Alabama. (He ^{omit} thought that since E.D.T. was taking some of the students away from the regular courses that the government should sponsor some courses for the regular students.) Dr. Taylor said that by taking the teachers into industry that they were robbing the hand that fed them.

At the conclusion of the discussion Dr. Armsby, field representative of the office of education told the section something of the plans and aims of the E.D.T program. (He ^{omit} said the Mr. Hillman of ^{W.P.B.} ~~C.P.M.~~ had requested all of the state boards to defer engineering students until graduation.)

After the morning session the members of the section adjourned to the Student Union Commons where they were guests of the University at a very delightful luncheon.

The afternoon was devoted to inspection trips through the extensive laboratories of the University and through the Wenner-Gren laboratory. Later in the afternoon a field trip was taken ~~out~~ through the blue grass country near Lexington.

A very pleasant and profitable day was crowned with an excellently planned banquet, presided over by Prof. D. V. Terrell of the University of Kentucky. Mr Tom R. Underwood was the principal speaker for this occasion.

The second session, presided over by Dean W. S. Rodman of the University of Virginia was called at 9.00 A.M. April 26th. Two papers were

presented at this session. The first, presented by Dean Lee H. Johnson of the University of Mississippi was on the subject of "Common Sense in Engineering Education". Dean Johnson pointed out that common sense showed us that no one plan would suit all of the engineering schools. He said that instead of blaming all of our ills on the curriculum we should lay the blame on the fact that the engineering professors had not accepted their responsibility toward the students.

Dean Robert of Tulane discussed the paper and said, in brief, that common sense must be applied in several ways, to the economic outlook and to the personal and spiritual development of the student. He said that he believed that the personal and spiritual development of the student depended on the inspirational qualities of the professor.

^{Subject}
The discussion was then opened to discussion from the floor. Prof. Edwin W. Winkler said that it was true that the professor was quite often narrow and caused the student to form the belief that courses in other departments were not important. Dean Van Leer of N. C. State College said that it seemed to be a common fallacy that we were training men for industry when we should be training them for a profession.

Prof. A. T. Granger of the University of Tennessee presented the second paper on the subject of, "The Objectives of Engineering Education - A Restatement". Professor Granger compared the S.P.E.E. report on objectives with the ideas expressed by Dr. D. B. Steinman. He said that most of us would agree that, "The objectives of engineering education should be to prepare, direct and inspire young men that with continued study, mental alertness, diligence and experience they may develop into professional engineers or may develop in a wide range of allied fields requiring technical, administrative and executive training". Professor Granger also discussed methods of attaining these objectives. He said that we should strive to develop in the student the fundamental characteristics which every educated ^{man} should have. Specifically, these were, he said, "culture, character, loyalty, mental alertness, basic

scientific knowledge, technical proficiency, love of the profession and a social consciousness."

The paper was discussed by Col. L. S. LeTellier of The Citadel who discussed the subject by calling the sections attention to the American Society of Civil Engineers report on Curriculum. He also stated that first, we must determine in which fields the engineers must function, second, we must determine the competencies required in those fields and third, we must plan so that we will develop in the student those required competencies.

When the discussion was opened to discussion from the floor, Dean Davis, of The University of Alabama; Prof. Robert C. Ernst of the University of Louisville, Prof. L.L. Amidon of the University of Louisville, Dean J. M. Robert of Tulane and Prof. N. W. Dougherty of the University of Tennessee took part.

Dean Davis told of experiences with special courses for technologists tried at the University of Alabama. Prof. Amidon pointed out that if we could get together with industry that we may be able to overcome the economic drawback to the five or six year plan. Dean Robert expressed ^{the question} the idea that after all, was the draw back really one of economics or was that just an expressed excuse.

This concluded the discussion and the remainder of the session was devoted to the business of the meeting.

The minutes of the seventh annual meeting were read and approved.

The report of the Committee on place of meeting was given by Prof. H. A. Fischer of N. C. State College. The report was as follows:

1. That the next meeting be held at N. C. State College and Duke University.
2. That for the subsequent years that a plan be adopted where-by the meetings would be held in one of three areas each three years. The region of the South eastern section would be divided into three areas by drawing two concentric circles, the center of which would be the geographic center of the region.

The schools in region A, the center circle, are 1. The University of Tennessee, (2) Georgia School of Technology (3) Clemson College (4) Auburn. Those schools in the B area, that between the inner and outer circle, are Vanderbilt University, Duke University, N. C. State College, University of S.C., The Citadel and the University of Alabama. The remainder of the schools, 17
University of Louisville, University of Virginia, University of Florida, Louisiana State University, Tulane, University of Mississippi and Mississippi State College are in the outer region.

3. Dean Van Leer offered an ammendment, which was accepted, that we accept the invitation of the University of Tennessee for the 1943 meeting.

4. It was further recommended that the annual meetings be held on the last friday and saturday of April or on the first friday and saturday of May.

5. The 1944 meeting would then be held in Area C, the 1945 meeting in B and the 1946 meeting in Area A and in that order for subsequent meetings. The report was accepted unanimously by the section.

The report of the resolutions committee was presented by Dean Davis of the University of Alabama and was as follows:

Whereas we, the members of the Southeastern Section of S.P.E.E., have been the guests of the University of Kentucky for our eighth annual meeting and have received unexcelled hospitality, courtesy and instruction in their hands, be it resolved that:

1. That we express our appreciation for the favors extended and mention particularly the making available for our use the facilities of the University; the special hospitality of the luncheon given by the University and the delightful banquet given under their auspices; the excellently planned tour of inspection and trip through the blue grass country.

2. That we express our thanks to the officers of the section and the committee on arrangements for the very excellent program of instruction and intertainment which they so ably arranged.

3. That we give especial expression of our appreciation to the ladies of the University for the hospitality and entertainment shown to the ladies of our party.

4. That these resolutions be spread on the minutes of this meeting and a copy of same be sent to the president of the University of Kentucky.

The report of the resolutions was unananimously accepted.

This brought to a close the eighth annual meeting of the South Eastern Section of S.P.E.E. There were 73 members and 10 visitors present representing 22 institutions.

H. Gale Haynes,

Secretary.

REGISTRATION

EIGHTH ANNUAL CONFERENCE SOUTHEASTERN DISTRICT S.P.E.E.

University of Kentucky	April 25, 1941	
Lexington, Kentucky	April 26, 1941	
Alabama Polytechnic Institute	J. E. Hannum, W. H. Hill, R. B. Pitts, W. Harold Taylor , A. L. Thomas, V. B. Watwood	6
Alabama, University of	G. J. Davis, Jr., W. H. Taylor	2
Arkansas, University of	L. C. Price	1
Citadel, The	H. G. Haynes, L. S. LoTellier	2
Clemson Agricultural College	S. B. Earle, H. E. Glenn F. T. Tingley, D. H. Shank	4
Duke University	W. H. Hall	1
Florida, University of		0
Georgia School of Technology	J. E. McDaniel, D. P. Savant	2
Kentucky, University of	Brinkley Barnett, M. W. Bosbe, W. J. Carrel, A. L. Chambers, F. J. Cheek, C. S. Crouse, E. B. Doll, P. C. Emrath, E. B. Farris, W. E. Freeman, J. H. Graham, R. D. Hawkins, J. S. Horine, C. C. Jett, J. W. May, A. J. Moyer, L. E. Nollau, R. E. Shaver, D. V. Terrell, S. E. Walton, Perry West	21
Louisiana Polytechnic Institute		0
Louisiana State University	G. F. Matthes, M. B. Voorhies	2
Louisville, University of	Lee L. Amidon, R. C. Ernst, H. H. Fenwick, E. E. Litkonhous, R. S. Trospor, W. B. Wendt	6
Mississippi State College	L. L. Patterson	1
Mississippi, University of	Lee H. Johnson	1
North Carolina State College	T. C. Brown, H. A. Fisher, A. M. Fountain, F. W. Lancaster, Edward Ruggles, G. Wallace Smith, Blake R. Van Loer, L. L. Vaughan, E. W. Winkler	9
South Carolina, University of	R. L. Sunwalt	1
Southwestern Louisiana Institute	John W. Jackson, Carl H. Kindig, H. R. Mason, R. Franklin Parker	4
Tennessee, University of	H. B. Aikin, R. M. Boarts, N. W. Dougherty, A. T. Granger	4
Tulane University	James M. Robert	1
Vanderbilt University	A. W. Hutchison, Fred J. Lewis	2
Virginia Military Institute	H. A. Marr, Jr.	1
Virginia, University of	T. H. Evans, W. S. Rodman	2
	Total Members -----	73

The Southeastern District of S.P.E.E. was especially pleased to have the following guests:

Arkansas, University of	Mrs. L. C. Price	1
Clemson Agricultural College	Mrs. S. B. Marle	1
Duke University	Mrs. W. H. Hall	1
Mississippi, University of	Mrs. Leo H. Johnson	1
North Carolina State College	Mrs. Edward Ruggles Mrs. L. L. Vaughan	2
Tennessee, University of	Mrs. R. M. Boarts Mrs. A. T. Granger	2
Tulane University	Mrs. J. M. Robert	1
United States Office of Education	H. H. Armsby	1
	Total Visitors -----	<u>10</u>

Total Registration ----- 83