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Final Report on the Seventeenth
Annual Meeting of the Society of Engineering Science

Supported by: Grant AFOSR-80-0198

The Seventeenth Annual Meeting of the Society of Engineering Science was held in Atlanta, Georgia on December 15, 16 and 17, 1980. Dr. M. E. Raville, Director of the School of Engineering Science and Mechanics at Georgia Tech, was the General Chairman of the meeting. The technical program consisted of 34 sessions at which 180 papers were presented. Abstracts of these papers were printed in a book which was issued to all registrants at the time of the meeting. The program also included three "general lectures": On Monday, December 15, Professor Clifford Truesdell of Johns Hopkins University spoke on "Some Recent Studies on the Second Law of Thermodynamics." On Tuesday morning, Professor Y. C. Fung of the University of California at San Diego spoke on "Prospects for Biomechanics". Finally, on Wednesday, Dr. Edward Teller, who is connected with Lawrence Livermore National Laboratory and the Hoover Institute, spoke on "Fusion-Fission Hybrid". Dr. Teller was awarded the Society of Engineering Science Medal, given each year to an outstanding Engineer-Scientist in recognition of his contributions.

The technical program was developed and assembled under the direction of Dr. A. W. Marris, Regents Professor of Engineering Science and Mechanics at Georgia Tech. Credit for an outstanding program goes to him, his local organizing committee, and to the entire Program Committee, listed on page 3 of the Program and on page ii of the Abstracts.

The 17th annual meeting of SES was generally considered to be the best annual meeting that the Society has held, in terms of attendance, quality of presentations, and overall conference arrangements. There were 227 paid registrants. In addition, many students, not registered, attended

several of the sessions. All technical meetings were held on the Georgia Tech campus; the headquarters hotel was the Sheraton Atlanta, adjacent to the campus.

The Society of Engineering Science and the local organizing committee are especially appreciative of the financial support provided to the meeting by AFOSR. Their grant of \$5,095 made it possible to keep individual registration fees at a reasonable level and thus insure good attendance.

The 18th annual meeting of the Society is now being organized and will be held at Brown University in September 1981.

Four documents pertaining to the 17th Annual SES Meeting are attached:

1. Call for Papers
2. Final Program
3. Book of Abstracts
4. Letter from Dr. Rodin, President of SES, dated May 28, 1981.

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**SOCIETY OF
ENGINEERING
SCIENCE, INC.**

May 28, 1981

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Dear Milt,

Thank you very much for your final report on the 17th Annual Meeting of the Society which was held at your Institution. I am distributing the report to the Board of Directors and officers of the Society.

I should also like to take this opportunity to thank you, Dr. A.W. Marris and the entire organizing committee for a splendid job. By any measure, the 17th meeting was one of the best that the Society has ever had. It was outstanding not only on account of its very high level technical program, but also because of the very kind hospitality extended to all of us.

To conclude such a meeting, during these inflationary days, with a complete fulfillment of your financial obligation is only another feather which we are happy you have in your hat.

Again, the entire Board joins me in expressing to you our sincere thanks and appreciation.

With best regards,

Sincerely yours,

Ervin Y. Rodin
President

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