

# RHEOLOGY BULLETIN

Publication of the Society of Rheology

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Volume 33, No. 2

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April, 1964

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## 35TH ANNUAL MEETING OF THE SOCIETY OF RHEOLOGY

Mellon Institute, Pittsburgh, Pa.

October 26-28, 1964

### CALL FOR CONTRIBUTED PAPERS

*Papers:* Each paper will be scheduled for thirty minutes, including discussion.

*Abstracts:* A maximum of 200 words will be allowed. No drawings will be permitted in the abstracts. Equations should be excluded unless absolutely essential; use of symbols should be held to a minimum; any symbols used should be defined. Abstracts will be published in the Fall Bulletin of the Society.

*Submission of Abstracts:* Authors wishing to deliver papers at the 35th Annual Meeting must submit two copies of an abstract to a member of the Program Committee before August 15, 1964.

*Acceptance of Papers:* Acceptance of papers for presentation will be determined after review by the Program Committee of their general content, originality and relevance to the objectives of the Society. Papers presented at the Annual Meeting are eligible for inclusion in the 1965 volume of The Transactions of the Society of Rheology; manuscripts will be reviewed for acceptance by the Editor. Publication in the Transactions of papers presented is strongly urged but not required. The deadline for submission of manuscripts is October 29, 1964.

*Facilities:* Blackboard, 2 x 2 and 3-1/4 x 4-1/4 projectors will be provided. If other facilities such as a motion picture projector are required, the Program Chairman should be notified before September 15.

*Symposia:* A symposium on Rheology of Random Media and one on The Influence of Polymer Structure on Solution- and Melt Rheology are planned.

### LOCAL ARRANGEMENTS

If you need help in making arrangements, call on a member of the local arrangements committee at Mellon (Herschel Markovitz, M. H. Birnboim, and D. J. Plazek), or R. F. Kratz at Koppers Co., Monroeville Research Center, Monroeville, Pa.

A smoker will be held on Tuesday, October 27.

The scientific session will be held in the auditorium and conference room of Mellon Institute. A block of rooms has been set aside at the Hotel Webster Hall which is directly across from Mellon Institute. The social evening will be held at Hotel Webster Hall on Tuesday evening, October 27. A registration desk will be set up at the Bellefield Avenue entrance of Mellon Institute. However, members will be given an opportunity to pre-register. The registration fee will be \$5.00 for members and \$10.00 for non members.

### PROGRAM COMMITTEE

Irvin M. Krieger (Chairman), Dept. of Chemistry, Case Institute of Technology, Cleveland 6, Ohio 44106

Edward A. Collins, B. F. Goodrich Chemical Co., P. O. Box 122, Avon Lake, Ohio 44012

Herschel Markovitz, Mellon Institute, Pittsburgh 13, Pennsylvania.

Bryce Maxwell, School of Engineering and Applied Science, Princeton University, Princeton, New Jersey.

Robert F. Westover, Bell Telephone Laboratories, Murray Hill, New Jersey.

James L. White, Research Center, U. S. Rubber Company, Wayne, New Jersey.

## RHEOLOGY BULLETIN

Raymond R. Myers, Editor  
Department of Chemistry  
Lehigh University  
Bethlehem, Pa., 18015

### EXECUTIVE COMMITTEE

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*Vice-President*—Robert S. Marvin, Rheology Section, National Bureau of Standards, Washington 25, D.C.

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H. Kolsky, Division of Applied Mathematics, Brown University, Providence, R. I.

L. E. Nielsen, Monsanto Chemical Company, 800 North Lindbergh Boulevard, St. Louis 66, Missouri

### PUBLICATION INFORMATION

The Proceedings of the Fourth International Congress on Rheology will be published by the Inter-science Division of John Wiley and Sons under the auspices of the Congress. The Society did not hold a regular meeting in 1963, as a consequence of which Volume VIII of the Transactions will be a small one devoted to the Claremont papers. Your 1963 dues entitle you to this volume, whose issue date will be 1964.

Members in good standing for 1963 also receive a copy of the Congress volume which contains the bulk of the papers presented by Society members.

## REPORT OF THE FIRST WINTER MEETING OF THE SOCIETY OF RHEOLOGY

The First Winter Meeting of the Society was held at the Claremont University Center in Claremont, California on February 3-4, 1964.

In 1962 a regional meeting was held at the California Institute of Technology, and a similar meeting was held in 1963 at the Shell Development Company. Because of the success of these meetings and because of the increasing interest in rheology, the Executive Committee of the Society decided to make the February 3-4, 1964 meeting in Claremont a regular meeting of the Society.

Invited papers were given by R. S. Marvin, G. W. Becker, and D. H. Kaelble; abstracts of all papers were published in the January Bulletin of the Society and mailed to Society members prior to the meeting.

Of the 72 people who registered, 23 came from outside California. Excluding the invited papers, 10 papers were presented by persons living east of the Rocky Mountains.

Welcoming remarks during the opening of the meeting were made by Dr. Louis Benezet, President of the Claremont University Center, and by Society President Bergen.

Dr. Marvin gave an illustrated talk on Life and Rheology in Japan following a dinner on February 3.

### EXECUTIVE COMMITTEE MEETING February 13, 1964

The Executive Committee of the Society of Rheology met all day on February 13, 1964 at the American Institute of Physics. All members of the Committee were present.

The estimated budget for 1964 was discussed thoroughly and an increase in payments to AIP was authorized by the Committee to facilitate the maintenance of the membership list for mailings.

The Committee decided to publish the papers from the Congress held August, 1963, as the "Proceedings of the Fourth International Congress on Rheology" and the papers from the Winter Meeting of 1964 as Volume VIII of the Transactions of the Society of Rheology.

Reports of the Program Committee and the Local Arrangement Committee for the Annual Meeting in 1964 were heard. The Membership Committee will publish a list of members this Fall to be distributed to the membership. A summary of the Winter Meeting in California was presented. Several meeting places for the Winter Meeting, 1965, and the Annual Meeting 1966, were discussed but none were approved. A decision will be made at a later Executive Committee Meeting.

AMERICAN INSTITUTE OF PHYSICS, INCORPORATED  
for  
SOCIETY OF RHEOLOGY  
Statement of Account  
At December 31, 1963

Balance in Account, January 1, 1963		\$ 6,907.81
Income:		
Dues collected—January 1-December 31, 1963:		
1962	\$ 73.80	
1963	1,340.40	
1964	4,470.70	5,884.90
Interest on U. S. Government Bond		38.74
		\$12,831.45
Disbursements, January 1-December 31, 1963:		
A.I.P. charge for collecting dues	\$600.00	
Contribution to A.I.P.	575.80	\$1,175.80
Dues—Committee on Theoretical and Applied Mechanics		100.00
Fall Meeting expenses 1962		210.24
Membership Committee:		
Offsetting brochures, cards and letters	\$109.29	
Postage	7.36	116.65
Ballot Mailing:		
Printing, addressing, stuffing, and mailing	\$ 23.25	
Postage	30.32	53.57
Spring Bulletin:		
Printing	\$309.79	
Addressing, stuffing, and mailing	17.64	
Postage	24.82	
Supplies	11.80	364.05
Fourth International Congress:		
Addressing strip list	\$ 29.25	
Stuffing and mailing	29.50	
Supplies	10.01	
Postage	127.64	196.40
1963-64 Letterheads:		
Supplies	\$ 3.86	
Printing	15.96	
Postage	.53	20.35
Constitution:		
Addressing envelopes	\$ 17.10	
Typing, offsetting and mailing 620 Fall Announcements	36.12	
Supplies	8.46	
Postage	25.06	86.74
Printing Program for International Congress on Rheology		250.00
Addressing Society of Rheology members on cards per Miller		23.78
200 Application blanks per A. F. Lewis		1.82
Bingham Medal expenses for Matthews per Miller		7.59
Telephone and telegraph		19.34
		2,626.33
Balance in Account, December 31, 1963		\$10,205.12
Bingham Fund: U. S. Government Bond—3-7/8%—Due 5/15/68		\$ 1,000.00

