57th ANNUAL MEETING
1985 SOCIETY OF RHEOLOGY MEETING
Ann Arbor Inn
Ann Arbor, Michigan
October 14-17, 1985

The Program and Abstracts for the 1985 SOR meeting are enclosed with this mailing. If you have questions concerning these, please contact Program Committee chairman Stuart J. Kurtz, Union Carbide Corporation, P.O. Box 670, Bound Brook, New Jersey 08805. Phone: 201/356-8000, ext. 2471.

Local Arrangements chairman is A. S. Wineman, Dept. of Mechanical Engineering & Applied Mechanics, University of Michigan, Ann Arbor, MI 48109. Phone: 313/764-4254. Registration forms and housing information will be mailed separately to members.

Frank Filisko, Dept. of Materials & Metallurgical Engineering, University of Michigan, Ann Arbor (Phone: 313/763-2240) is co-chairman for both the Program and Local Arrangements Committees.

MINUTES OF THE EXECUTIVE COMMITTEE MEETING
February 24, 1985

Attending: W. R. Schowalter, President; R. F. Landel, Vice-President; R. R. Myers, Editor; J. R. Collier, Secretary; E. A. Collins, Treasurer; A. N. Gent, past president; M. T. Shaw, committee member; and A. Eisenberg, committee member. Also in attendance for parts of the meeting were J. Rosenthal (representing Wiley), J. Knox, T. Smith, D. Baird, W. Russel, A. Wineman, and S. Kurtz.

The meeting was called to order at VPI in Blacksburg, Virginia by President W. R. Schowalter at 4 p.m. Minutes of the previous meeting, as printed in the bulletin, and the secretary's report were read. AIP increased the fixed charges billed to the Society from $1 to $2. The normal annual expenditure by the Society is between 20 and $25,000, and the Treasurer's report was accepted as presented.

In the Treasurer's report it was stated that the year-end balance for 1983 was $64,609.95, although approximately $20,000 of that amount will be paid to Wiley for the publication of the Journal. Copies of the Journal to non-members is $170 per volume. Page charges for the journal are $15 per page. The report was accepted as presented.

Ray Myers officially announced his retirement from Kent State on July 1, but he is willing to continue his duties as Editor of the Journal until the next annual meeting, i.e. October 1985. Appreciation was expressed to Dr. Myers for excellent service to the Society. An extended discussion concerning possible candidates for the position and desired qualities occurred. In the Editor's report, it was pointed out that the Journal is complete through August and possibly October with a large influx of papers expected from the Mexico meeting. The report was accepted and a motion expressing gratitude to Ray Myers for 20 years of service as editor was passed unanimously. A committee was formed by the president, consisting of himself, the president elect, and previous past president to find a new Editor.

58th ANNUAL MEETING
October 1986
Tulsa, Oklahoma

Local Arrangements Chairman:
Peter Clark, Dept. of Chem. Eng.,
U. of Tulsa, Tulsa, OK 74104.
MINUTES OF THE SOCIETY OF RHEOLOGY
BUSINESS MEETING
February 25, 1985

The meeting was called to order at V.P.I. in Blacksburg, Virginia by President William R. Schowalter at 4 pm. Minutes of the previous meeting, as printed in the bulletin, and the Secretary's report were accepted.

In the Treasurer's report it was stated that the year-end balance for 1983 was $64,609.95, although approximately $20,000 of that amount will be paid to Wiley for copies of the Journal, volumes 27 and 28, sent to members. The normal annual expenditure by the Society is between twenty and twenty-three thousand dollars, therefore the Society is in good financial condition. The current dues of $20 per year should be maintained at that level. The Treasurer's report was accepted as presented.

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Bill Russel reported that active solicitation of papers for the current meeting had occurred and that 114 papers were scheduled with a couple dozen submitted but not included. A motion was made and passed to extend thanks to the organizing committee and to the following sponsors: duPont, Celanese, Rheometrics, Monsanto Polymer Products, Monsanto Fibers and Intermediates, Imass, Mitch, PMIL, General Electric, and Hercules. Dr. William Russel reported for the program committee on the full schedule of papers.

Discussion of future meeting sites occurred with the following decisions being made: October 1985-Ann Arbor; October 1986-Tulsa, Oklahoma; Winter 1976-Southern California, Fall 1987-Atlanta; Fall 1988-International Meeting-Australia; Annual 1988 meeting (February 1989) in Florida (tentative).

W. Schowalter stated in the President's report that AIP is forming a memorandum of agreement with member societies and will share more details when they are available. Kurt Wissbrun is on the nominating committee of AIP, and Robert Landel, Vice President, will represent SOR at the AIP meeting.

Thor Smith reported for the Bingham Award committee that nominations should be made by February 15 for the award and that by April 1 it should be determined if a problem exists. He reported suggestions from the committee that: the requirements of contributions must be made within ten years be dropped; that the requirement of being an SOR member be dropped.

S. Kurtz reported on arrangements for the Ann Arbor meeting. Session chairpersons and plenary speakers have been chosen and the arrangements are progressing without any undue difficulties.

The meeting was adjourned at 8:45 a.m. Submitted by John R. Collier, Secretary.

RHEOLOGY BULLETIN
Raymond R. Myers, Editor
Department of Chemistry
Kent State University
Kent, Ohio 44242
216/672-2034

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EDITOR'S REPORT

January 17, 1985

Journal of Rheology
Volume 28, Numbers 1-6, 1984 contained 804 pages. It consisted of 38 papers and four notes. Five of the papers were from the Symposium of Rheology of Geological Materials held at the 54th Annual Meeting of the Society of Rheology in 1982, handled by guest editor, Stephen L. Passman, Sandia Labs.

In addition, abstracts from the Journal of Society of Rheology, Japan, Volume 11, Numbers 1-3, 1983; abstracts from the 55th Annual SOR meeting in Knoxville, 1983; and abstracts from the Australian Society of Rheology, First National Conference on Rheology, 1979, were published.

We received 76 submissions for publication in the Journal of Rheology in 1984: 48 were accepted and 16 rejected. Forty are still in the review process. Thirty-nine papers are awaiting publication in Wiley's hands. Ed Barnas of Wiley reports that they have enough manuscripts in hand for publication of JOR February, April, June, and August issues. The 1985 volume will cost $152.

The Journal of Rheology began publishing abstracts from the Australian Society of Rheology annual conferences in 1984 and will begin to publish abstracts from the annual conferences of the Groupe Francais de Rheologie in 1985. We expect a surge of papers from the international conference held in Mexico in 1984.

Letters were written to the 56th annual SOR meeting symposia chairmen inviting them to gather enough papers to be refereed and made into a separate JOR issue for which they could be guest editor.

Mary Curtis has been promoted to vice president and publisher, periodical division of John Wiley & Sons, Inc. We now deal with Jonas Rosenthal. There will be a working luncheon on Monday at the Blacksburg SOR meeting.

Rheology Bulletin

Two bulletins were issued in 1984. The August bulletin included an abstract form and list of symposia chairmen for the February meeting.

We continue to use the Kent post office for the mailing of the bulletin, program, and abstracts. The January bulletin and the program and abstracts for the February meeting left Kent January 14.

Personal

I wish to acknowledge the services of Assistant Editors Robert C. Armstrong, Edward A. Collins, Shigebaru Onogi, J. George Savins, Charles L. Sieglafl, Alex Silberberg, and James L. White. In October I will retire from the editorship, and these loyal assistants will facilitate a smooth transition to my successor.

I asked for early release from my post as editor and will move from Kent to 43 Wall Street, Bethlehem, Pennsylvania 18018 after August 1. While personal communications will reach me there, you should address Dr. Arthur B. Metzner, Dept. of Chemical Engineering, University of Delaware, Newark, Delaware 19716, for any matters regarding manuscripts in preparation. All of the files have been transferred to him.

After 20 good years as your editor, I step down from the post with regret. Retirement brings on a variety of mixed feelings, and one which pains me most is that I will no longer be responsible for the Society's most important project, the Journal. Please give Dr. Metzner your support, for he has stepped in to make an orderly transition of the office of Editor.

Raymond R. Myers
ANNOUNCEMENTS


The Annual Canadian Chemical Engineering Conference will be held in Calgary, Alberta, Canada on October 6-9, 1985. The Canadian Rheology Group will organize a couple of sessions on rheology. Contact: L. A. Utracki, National Research Council, Canada Industrial Materials Research Institute 75, De Mortagne Boucherville, Quebec, Canada J4B 6Y4.

The 13th Australian Chemical Engineering Conference will be held in Perth, Australia August 25-28, 1985. Theme is "Innovation in the Process and Resources Industries." Contact: S. Nowak Dept. of Chemical Engineering, Western Australia Institute of Technology, Kent Street, Bentley, Western Australia 6102.

The 4th National Conference on Rheology will be held in Adelaide in 1986. Contact: R. R. Hulligol School of Mathematical Science Flinders University Bedford Park, South Australia 5042.


A Call for Papers for the 56th Shock and Vibration Symposium to be held October 22-24, 1985 at Monterey, California has been issued by: The Shock and Vibration Information Center Code 5804 Naval Research Laboratory Washington, DC 20375-5000. Phone: 202/767-2220.

The Canadian Rheology Group is holding a Rheology Symposium in Calgary, Alberta on Monday, October 7, 1985. Topics covered include rheological behavior of polymer liquids and particle suspensions, applications of rheology in the plastics, petroleum and food industrials and rheological instrumentation. Contact: Prof. J. M. Dealy, McGill University, Montreal, Quebec Phone (514) 392-5442.

President of The British Society of Rheology is I. M. Ward, Dept. of Physics, University of Leeds, Leeds, LS2 9 JT, England.

Since the 2nd International Congress on Rheology will be held in Australia in 1988 The Australian Society of Rheology Council has decided to postpone the National Conference, originally scheduled for 1985, until 1986. The venue of the conference will be in Adelaide. Contact: R. R. Hulligol School of Mathematical Science Flinders University Bedford Park, South Australia 5042.

L. A. Utracki, Canadian Rheology Group Chairman, reports that the CRG associated with the Macromolecular Science and Engineering Division of the Chemical Institute of Canada and was formed June 1, 1982. After 2½ years the Group has nearly 100 members and is organizing a couple of sessions on rheology during the Annual Canadian Chemical Engineering Conference in Calgary, Alberta, October 6-9, 1985. CRG has been asked to help in organizing the 2nd annual meeting of the International Polymer Processing Society in Montreal in March 1986. Contact: L. A. Utracki National Research Council Canada Industrial Materials Research Institute 75, De Mortagne Boucherville, Quebec, Canada J4B 6Y4.


The United States National Committee for Theoretical and Applied Mechanics (USNC/TAM) is seeking invitations to host IUTAM Symposia any time during the calendar years 1988-1989. Invitations to host a symposium should be made on a prepared form which may be obtained from the Secretary of the USNC/TAM and sent not later than December 1, 1985. Address all inquiries to: Philip G. Hodge, Jr. Secretary, USNC/TAM 107 Akerman Hall University of Minnesota Minneapolis, MN 55455.

Proceedings of the Ninth International Congress on Rheology, Acapulco, Mexico, October 1984, "Advances in Rheology," are available. The 4-volume set price is US$250.00/Dfl.825.00. Contact: Elsevier Science Publishers P.O. Box 211 1000 AE Amsterdam, The Netherlands.


The Shock and Vibration Digest, a monthly publication, may be ordered for $200.00 (domestic) $250.00 (foreign). Contact: The Shock and Vibration Info Center Naval Research Laboratory Code 5804 Washington, D.C. 20375-5000.

Dr. Robert A. Mendelson of the Monsanto Plastics and Resins Company has accepted an appointment to serve on the American Institute of Physics Committee for Public Policy.

1985 BINGHAM MEDALIST
Roger S. Porter

Roger S. Porter is with the Graduate Research Center of the University of Massachusetts at Amherst. He has B.S. and Ph.D. degrees in chemistry from the University of California at Los Angeles and the University of Washington at Seattle, respectively. He was with the Chevron Research Company, and at the University of Massachusetts he has held the following positions: Program Chairman of Polymer Science and Engineering, Codirector of the National Science Foundation Materials Research Laboratory, and Special Research Assistant to the University President. He received an award for polyolefin research, the International Award in Education, and the International Award in Plastics Science and Engineering from the Society of Plastics Engineers, and for Organic Coatings and Plastics from the American Chemical Society. He also received the Meritorious Service Award from the Plastics Institute of America and the Mettler Award from the North American Thermal Analysis Society. Dr. Porter serves on the Board of Trustees, Gordon Research Conferences, and on the Advisory Board for the Petroleum Research Fund.
STATEMENT OF RECEIPTS & DISBURSEMENTS
Year Ended December 31, 1984

Balance in account December 31, 1983* $64,609.95

Receipts January 1 - December 31, 1984
Dues Collections, 1984, 1985 and Future Years $24,821.60
Sales of Mailing Lists less Processing Costs 46.00
Interest 3,779.06
Page Charges - Journal of Rheology 3,990.00
Annual Meeting - Knoxville 156.72
Annual Meeting - Blacksburg 150.00
Blacksburg meeting contribution 500.00 33,443.38
Total Receipts $98,053.33

Disbursements January 1 - December 31, 1984
Charges for Dues, Billing, Collection $2,378.18
Charge for Preparation & Maintenance Records @ $2.15 2,820.42
Financial Handling Charge - 1984 212.67
Member Dues 1984 @ $1.00 1,150.00
Journal of Rheology Printing Mailing Labels 778.99
& Renewal Billings
Membership Director Printing & Mailing 1,236.93
Printing & mailing January 1985 meeting reservation
forms & Printing letterheads & letters 441.27
Administrative Services, Postage, UPS, duplicating 2,581.94
Editorial Expenses 2,700.00
Wiley/Mack Vol. 28, #1-5 1,020.55
Bulletin/Abstracts, Kent Post Office 1,412.50
Discretionary funds, dues, miscellaneous 1,188.42 17,921.87
Total Disbursements

Balance in Account December 31, 1984 $80,131.46

*Adjusted to include 1983 Final Receipts and Disbursements
Variance of $364.00.

Edward A. Collins, Treasurer
April 11, 1985

Application for Membership in the
SOCIETY OF RHEOLOGY

I hereby desire to apply for membership in THE SOCIETY OF RHEOLOGY dating from
January 19

Name: (Please print)

Mail Address

Professional Affiliation

Position

Please indicate in the boxes provided below the code letter from the list to the right, which best describes your areas of interest, in order of decreasing importance.

□ PRIMARY
□ SECONDARY
□ TERTIARY

INTEREST AREA CODE
Biological Materials A
Foods and Natural Products B
Inorganic Materials C
Oils and Lubricants D
Soils E
Synthetic Polymers F
Fluids (Including Solutions) G
Solids H
Suspension and Particulate Systems J
Engineering K
Experimental Techniques L
Mechanics M
Phenomenology N
All of the above Y
None of the above Z

I understand that my regular member’s subscription to the Journal of Rheology is for my personal use, and not for library use.

Signature

Enclose remittance of $20 for Regular Annual Dues or $150 for Sustaining Annual Dues and mail to: THE SOCIETY OF RHEOLOGY c/o American Institute of Physics 335 East 45th Street New York, New York 10017