THE SOCIETY OF RHEOLOGY
EXECUTIVE COMMITTEE - 1991-93

President ......................... Joe D. Goddard
Vice President ..................... Robert C. Armstrong
Secretary ......................... Andrew M. Kraynik
Treasurer .......................... Edward A. Collins
Editor .............................. Arthur B. Metzner
Past President ..................... Robert A. Mendelson
Members-at-Large .................. Ronald G. Larson
Dale S. Pearson

COMMITTEES

Membership:
A. J. Giacomin, chairman
R. L. Powell
W. E. VanArsdale
T. C. Jordan
R. L. Hoffman, chairman
I. M. Krieger
W. W. Graessley
S. L. Cooper
P. J. Carreau
W. H. Tuminello
W. B. Russel

Education:
P. E. Clark, chairman
M. M. Denn
B. Hartmann
E. A. Collins

Bingham Award:
R. C. Armstrong, chairman
R. G. Larson
D. S. Pearson
B. Hartmann
G. H. Pearson
A. M. Kraynik

Meetings Policy:
L. Gary Leal
Department of Chemical and Nuclear Engineering
University of California
Santa Barbara, CA 93106
(805) 893-3200, Fax: (805) 893-4731
Email: bonnie@squid.ucsb.edu

Local Arrangements Chairman:
Dale S. Pearson
Department of Chemical and Nuclear Engineering
University of California
Santa Barbara, CA 93106
(805) 893-8269, Fax: (805) 893-4731
Email: dspear@squid.ucsb.edu

Nominations for the 1993 Bingham Medal

Nominations for the 1993 Bingham Medal are due on January 15, 1993, and should be sent to the next chairman of the Bingham Award Committee:

Prof. Stuart L. Cooper
Chemical Engineering Department
University of Wisconsin
1415 Johnson Drive
Madison, WI 53706
(608) 262-1092 Fax: (608) 262-5434
whale migration period), hiking in the nearby mountains, and touring county vineyards and wineries.

There will be a welcoming reception on Sunday evening at the Sheraton, a Monday night reception across the street at the Cabrillo Arts Center, and the Bingham Banquet on Tuesday. Tours of local attractions are being arranged for participants and guests.

Santa Barbara can be reached by regularly scheduled air service. However, considerable savings are sometimes possible by landing in Los Angeles and then renting a car or taking the Santa Barbara Airbus (805-964-7759), which stops at the Sheraton.

**TECHNICAL PROGRAM FOR SANTA BARBARA**

Authors wishing to present a paper in Santa Barbara must submit a camera-ready abstract on the enclosed form to the Technical Program Chairman, Gary Leal, before September 15, 1992. A copy of the abstract should also be sent to the appropriate symposium organizer. The planned symposia and their organizers follow.

**POLYMER RHEOLOGY:** Theory and experiment for polymer melt and solution rheology.

Dr. Ronald G. Larson
AT&T Bell Laboratories
600 Mountain Avenue
Murray Hill, NJ 07974
(908) 582-6158
Fax: (908) 582-5570

**RHEOLOGY IN POLYMER PROCESSING:** Applications of rheology to the processing of polymer solutions and melts in the liquid and solid states.

Professor Morton M. Denn
Department of Chemical Engineering
University of California
Berkeley, CA 94720
(510) 642-0176
Fax: (510) 642-4778

**COMPLEX FLUIDS FROM MICELLES TO PARTICULATES:** Multicomponent and multiphase systems for which the rheology depends on the complex interplay among physical chemical and mechanical forces.

Professor William B. Russel
Department of Chemical Engineering
Princeton University
Princeton, NJ 08544-5263
(609) 258-4581
Fax: (609) 258-0211

**EXPERIMENTAL METHODS IN RHEOLOGY:** Electrical, mechanical, and optical techniques for investigating flow behavior and for measuring continuum and molecular properties.

Professor David F. James
Department of Mechanical Engineering
University of Toronto
5 King's College Road
Toronto, Ontario M5S 1A4 Canada
(416) 978-3049
Fax: (406) 978-7753

**NON-NEWTONIAN FLUID MECHANICS:** Experimental, theoretical, and computer studies of non-Newtonian effects on complex flows and their stability.

Professor L. Gary Leal
Department of Chemical and Nuclear Engineering
University of California
Santa Barbara, CA 93106
(805) 893-8510
Fax: 893-4731

Professor Robert Brown
Department of Chemical Engineering
Massachusetts Institute of Technology
Cambridge, MA 02139
(617) 253-5726
Fax: (617) 253-9695

**GENERAL PAPERS:** All aspects of experimental and theoretical rheology not explicitly covered by the other symposia.

Professor Eric Matthys
Department of Mechanical Engineering
University of California
Santa Barbara, CA 93106
(805) 893-2919
Fax: (805) 893-8651
## THE SOCIETY OF RHEOLOGY

### FINANCIAL STATEMENT AS OF JULY 1992

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dues</td>
<td>46,000</td>
<td>43,623</td>
<td>46,000</td>
<td>45,001</td>
<td>46,000</td>
</tr>
<tr>
<td>Interest</td>
<td>4,000</td>
<td>20,329</td>
<td>14,000</td>
<td>19,978</td>
<td>19,000</td>
</tr>
<tr>
<td>Journal of Rheology</td>
<td>21,200</td>
<td>206,166</td>
<td>1,000</td>
<td>204,831</td>
<td>217,830</td>
</tr>
<tr>
<td>Mailing List Sales</td>
<td>492</td>
<td>537</td>
<td>350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Meetings</td>
<td>7,182</td>
<td>8,000</td>
<td>30,758</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short Courses</td>
<td>2,950</td>
<td>5,925</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL REVENUE</strong></td>
<td><strong>71,200</strong></td>
<td><strong>280,731</strong></td>
<td><strong>69,000</strong></td>
<td><strong>307,030</strong></td>
<td><strong>283,180</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiley and Wiley Editorial</td>
<td>45,397</td>
</tr>
<tr>
<td>AIP Administrative Services</td>
<td>6,000</td>
</tr>
<tr>
<td>AIP Billing</td>
<td>3,300</td>
</tr>
<tr>
<td>AIP Member Records</td>
<td>3,600</td>
</tr>
<tr>
<td>AIP Member Society Dues</td>
<td>2,400</td>
</tr>
<tr>
<td>AIP Financial Handling</td>
<td>1,000</td>
</tr>
<tr>
<td>AIP Physics Olympiad</td>
<td>500</td>
</tr>
<tr>
<td>Renewal Billing</td>
<td>890</td>
</tr>
<tr>
<td>Journal of Rheology</td>
<td>31,000</td>
</tr>
<tr>
<td>Bulletins and Abstracts</td>
<td>4,000</td>
</tr>
<tr>
<td>Short Courses</td>
<td>2,453</td>
</tr>
<tr>
<td>Bingham Award</td>
<td>1,000</td>
</tr>
<tr>
<td>Executive Committee Meetings</td>
<td>1,000</td>
</tr>
<tr>
<td>President's Discretionary Fund</td>
<td>1,000</td>
</tr>
<tr>
<td>Treasurers Discretionary Fund</td>
<td>1,000</td>
</tr>
<tr>
<td>Program Chairman's Discretionary Fund</td>
<td>1,000</td>
</tr>
<tr>
<td>Secretarial Services</td>
<td>1,000</td>
</tr>
<tr>
<td>Mailing</td>
<td>2,773</td>
</tr>
<tr>
<td>Office Expenses</td>
<td>9,000</td>
</tr>
<tr>
<td>Banking Services</td>
<td>45</td>
</tr>
<tr>
<td>Liability Insurance</td>
<td>150</td>
</tr>
<tr>
<td>Council of Scientific Society Presidents</td>
<td>150</td>
</tr>
<tr>
<td>Membership Directory</td>
<td>150</td>
</tr>
<tr>
<td>Membership Brochure</td>
<td>526</td>
</tr>
<tr>
<td>Accountant</td>
<td>1,000</td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td><strong>66,100</strong></td>
</tr>
</tbody>
</table>

**NET INCOME (LOSS)**

| 5,100 | 58,307 | 22,300 | 84,962 | 43,150 |

**TOTAL ASSETS AT YEAR END**

| 310,769 | 393,775 |

Dr. Edward A. Collins  
Treasurer  
July 7, 1992
Rheology Short Course

A two-day short course on surface force measurements and rheology in confined spaces will be given by Professor Jacob Israelachvili of the Department of Chemical and Nuclear Engineering at UCSB. The course is scheduled to begin on Saturday, February 6. For information contact the chairman of the Education Committee, Peter Clark, at (205) 348-1682.

Instrument Exhibit

Several companies will exhibit rheological instrumentation during the annual meeting in Santa Barbara.

Registration and housing forms, abstracts, a short-course announcement, and other information concerning the Santa Barbara Meeting will be mailed by November, 1992.

EXECUTIVE COMMITTEE MEETING
April 12, 1992

The Executive Committee Meeting was called to order at 9:00 a.m. at the Hyatt Regency in Bethesda, MD.

Executive Committee Members present included: Joe Goddard, Bob Armstrong, Ed Collins, Art Metzner, Bob Mendelson, Ron Larson, and Andy Kraynik. Kurt Wissbrun and Bruce Hartmann also attended.

The minutes of the October 20, 1991 Executive Committee Meeting, which appeared in the January 1992 Rheology Bulletin, were approved as read.

Ed Collins, Treasurer, reported a balance of $393,775 as of December 31, 1991. Collins also indicated that the AIP Treasurer has modified accounting procedures relating to year-end variance. This will simplify duties such as federal income tax reporting.

Gary Leal and Dale Pearson reported by letter on plans for the technical program and local arrangements for the annual meeting in Santa Barbara in February 1993. The regular annual meeting for 1993 will be held in Boston with Bob Armstrong serving as local arrangements chairman and Bill Russel serving as technical program chairman. Antony Beris and Norm Wagner will host the 1994 annual meeting in Philadelphia. In 1995, the annual meeting will be held in Sacramento with Bob Powell coordinating local arrangements.

Joe Goddard discussed the proposal that he submitted to host the XIlth International Congress of Rheology in La Jolla, CA in 1996. The committee denied a request to sponsor a NATO meeting on non-Newtonian fluid mechanics and expressed the opinion that it is not our policy to endorse technical meetings in which we are not actively involved. We also decided not to pursue a request from the AIChE to consider holding joint meetings because significant differences in meeting size and cost would impact the character of our meetings.

The Executive Committee decided not to renew our membership on the Council of Scientific Society Presidents. We agreed to contribute $500 to support the AIP Congressional Fellowship Program and to continue supporting the International Physics Olympiad.

Joe Goddard discussed the IRS status of the Society with legal council and determined that our tax-exempt status should not change as a result of income related to journal publication. We do not believe that it is necessary to seek additional guidance on this subject.

Bob Mendelson agreed to submit a proposal on corporate associates and sustaining members at the next executive committee meeting.

Kurt Wissbrun, Assistant to the Editor, reported on subscription and finance issues relating to the Journal of Rheology. As of March 31, 1992, there were 533 non-member subscriptions to the journal. This is down from 588 subscriptions at the end of 1991, however some additional renewals are expected before the end of 1992.

Art Metzner, Editor, provided a status report on the Journal of Rheology. We voted to increase the non-member subscription fee for the journal from $320 to $350 in 1993. We also voted to change the page size of the journal to 10 by 6.75 inches, retain the one-column format, and publish 6 issues per year. These changes will reduce publication costs but not affect the amount of technical information published annually. The committee also authorized $1500 to market the journal at the International Congress on Rheology in Brussels.

The meeting was adjourned at 5:15 p.m.

MEETING ANNOUNCEMENTS


October 5-9, 1992: Applied Rheology Course at Warren Spring Laboratory, UK. Contact: Mrs. Susan Gartside, Warren Spring Laboratory, Gunnels Wood Road, Stevenage SG1 2BX, 0438 741122 ext. 2366, Fax: 0438 360858.


October 17-21, 1993: 65th Annual Meeting of The Society of Rheology, Palmer House, Boston, MA.

CHANGE OF ADDRESS

If you are moving, be sure to inform: Ms. Margaret Wiley American Institute of Physics, 335 East 45th Street, New York, NY 10017
Application for Membership in
THE SOCIETY OF RHEOLOGY

I wish to apply for membership in THE SOCIETY OF RHEOLOGY dating from January 19 _____________

Name ____________________________
(Please print)

Mail Address ____________________________

Telephone Number ____________________________

E Mail Number ____________________________

Fax Number ____________________________

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

| PRIMARY |
| SECONDARY |
| TERTIARY |

**INTEREST AREA**

<table>
<thead>
<tr>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>D</td>
</tr>
<tr>
<td>E</td>
</tr>
<tr>
<td>F</td>
</tr>
<tr>
<td>G</td>
</tr>
<tr>
<td>H</td>
</tr>
<tr>
<td>I</td>
</tr>
<tr>
<td>J</td>
</tr>
<tr>
<td>K</td>
</tr>
<tr>
<td>L</td>
</tr>
<tr>
<td>M</td>
</tr>
<tr>
<td>N</td>
</tr>
<tr>
<td>O</td>
</tr>
</tbody>
</table>

Professional Affiliation

- [ ] Academic
- [ ] Industrial
- [ ] National Laboratory
- [ ] Other

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

(Signature) ____________________________  (Date) ____________________________

Enclose remittance of $40 for Regular Annual Dues ($25 for Student and Retired Members) and mail to:

THE SOCIETY OF RHEOLOGY

c/o American Institute of Physics

335 East 45th Street

New York, NY 10017