

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS



March 2, 1978

C A S T

Computing and Systems
Technology Division

Dear Colleague:

Enclosed are the minutes of the CAST Executive Board Meeting in Atlanta on 2/27/78. As you can see, we had a full and productive meeting and several key appointments were made.

At Atlanta, we were fortunate to have a quorum (but just barely) and so were able to transact business. Since our young division has much to do this year, it is important that we have active participation on the part of our officers, directors, and board chairmen at subsequent executive meetings. Please set aside Monday afternoon from noon to 5:00 P.M. on June 5 so that you can attend the next executive committee meeting (an informal luncheon is being arranged by Sig Lawrence--details will be published in the next Newsletter; the regular meeting will be 1:30-5:00 P.M., check the AIChE registration area for these room numbers when you arrive).

We plan to man a CAST information table at Philadelphia in order to help make AIChE members aware of this new division and what it does. Any assistance or suggestions which you could provide to Bob Harris in this regard would be appreciated.

Thank you for your continuing help and cooperation. I sincerely hope that you are able to join us at the next executive meeting in Philadelphia.

Sincerely,

A handwritten signature in cursive script that reads 'Vern Sterba'.

Vern Sterba
Chairman, CAST Division
American Institute of Chemical Engineers

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS



C A S T

Computing and Systems
Technology Division

Computing and Systems Technology Division - AIChE

MINUTES

Executive Committee Meeting
February 27, 1978
Atlanta, Georgia

Attending: V. J. Sterba, R. J. Fisher, L. L. Fellingner, W. M. Clarke,
R. J. Lackmeyer, S. L. Carico, K. B. Bischoff,
W. D. Seider, M. T. Tayyabkhan, S. J. Lawrence,
R. L. Morris, C. H. Ware, Jr., T. I. Peterson,
R. L. Motard, R. R. Hughes, R. V. Jelinek, W. H. McCarty,
E. McDowell, C. Alstad, P. Cislak.

Meeting began at 2:00 P.M.

1. Approval of Minutes - This was the first official meeting of Executive Committee of the Division, therefore, there were no previous minutes to be approved.
2. Financial Report/Financial Plans (R. J. Fisher) - The current balance is \$878.65 (335 members to date). Additional revenue is anticipated from membership drive. Details of the present budget of \$2,150 were discussed. The largest item is the Division Newsletter - total expenses for three printings and mailings will be approximately \$1,600. Since anticipated revenue will fall short of expenses, "seed" money has been requested from council by V. J. Sterba. The budget will be revised as needed by Sterba, Seider and Fisher and presented to the Executive Committee. (VJS/
RJF/
WDS)
3. Council Report (L. L. Fellingner) - Council will approve approximately \$500 to help the division, if necessary. This will be a grant, not a loan. Topics discussed by council and reported on:
 - A. Election Rules
 - B. Engineering Foundations
 - C. Guideline Implementation - Employment

- D. Educational Accreditation
 - E. Career Planning
 - F. Philadelphia Exposition - concentrated effort to make it large success.
 - G. Committee for Nominations
 - H. Discussed Combining Annual Meeting and Awards Presentation
 - I. A Proposal for Division Status - Presented by Safety & Health Area
 - J. Air Products has donated funds to establish an Institute Lecturer Foundation.
4. Membership Drive (V. J. Sterba/R. J. Fisher) - Chairman, (REH)
R. E. Harris - absent. Promotional materials used - newsletter, "CAST" Buttons and computer printouts (provided by Vern Sterba). Bob Fisher suggested establishment of Division Information Booth at the Institute Meetings. Bob Morris suggested use of CEP magazine for advertisement with reprints to be distributed at Information Booth. Continuing mechanism for membership solicitation will remain "word of mouth" communication.
5. Appointment of CAST Board Chairmen
- A. Programing Board - F. C. Stults nominated by Mike Tayyabkhan, seconded by Ted Peterson; vote was unanimous. Report by M. T. Tayyabkhan: Fred Stults submitted (letter) five names to the committee for approval for three group chairmen and two vice chairmen for three primary programing areas (15a-c) replacing the "old" areas 2d, 2l and 5c respectively. The approved members are:
 - R. S. H. Mah - (15a) Applied Math. ...
 - D. E. Seborg - (15b) Process Control ...
 - M. T. Tayyabkhan - (15c) Management ...
- with T. F. Edgar and I. H. Rinard as vice chairmen.
- Mike also presented a plan/objective to contact two additional types of ChE's that may have been "missed" by the AIChE in the past, i.e.,
- (1) ChE's doing computing applications but not Computer Scientists.
 - (2) ChE's in Materials Processing for Hardware (solid state mechanics, etc.)
- B. Publication Board - S. J. Lawrence nominated by Bob Morris, seconded by Charlie Ware; vote was unanimous. Editors selected by Sig are:

R. L. Motard
E. Gordon
J. F. Zemaitis, Jr.

Sig discussed plans/deadlines for upcoming newsletters. Bob Morris discussed establishment of "tough" guidelines to meet objectives within cost since the newsletter is our largest budget item -- to be reviewed.

- C. Liaison Board - R. J. Lackmeyer nominated by Mike Tayyabkhan, seconded by Bob Fisher; vote was unanimous. Bob Lackmeyer discussed plans for organization interests. He has compiled a list of contacts and will now implement the strengthening of ties via personal communications.

- D. Awards Board - The Bylaws name the six Division directors plus five additional members (selected by the directors) as this board. These eleven members will select their chairman. Mike Tayyabkhan and Bob Morris will solicit/contact the names of potential members/chairman as discussed at this meeting. They will also set up the structure of this board. Discussion was then centered on the obtainment of a sponsor by the-to-be-named-chairman and Proposals for Awards. Consensus is that an Award in Honor of Leán Lapidus would be apropos. Discussion also was initiated about holding the Division Annual Meeting in Miami even though we will not have time to establish Awards by then.
(Dinner or luncheon meeting will be held with a guest speaker. Vern Sterba to coordinate.)

(MTT/
RLM)

(VJS)

- E. Membership Board - A motion to establish this board was made by Bob Morris, seconded by Warren Seider; vote was unanimous. R. E. Harris was appointed to a two-year term.
6. Past Chairman - The bylaws provide for the Past Chairman to be a voting member of the Executive Committee. C. H. Ware, Jr., Past Chairman of MCC, was appointed by Vern Sterba to fill this post.
7. Nominating Committee - The bylaws provide for the Past Division Chairman to chair this committee. Therefore, C. H. Ware, Jr. will assume this post.
8. Establishment of Sections - The bylaws provide for the membership to establish sections via petition. Therefore, it was deemed inappropriate to establish a committee for this function.

9. Exposition/Tours Committee (W. M. Clarke) - Mac submitted in writing a proposal to publish a "CAST Guide" to the Philadelphia Expo and distributed to all on our mailing list. He made a motion to have \$60 from our "Promotion Literature" fund (budget item) appropriated for this purpose, seconded by Lowell Fellingner. The motion was amended-to be distributed at the Philadelphia meeting. The amendment was acceptable to both parties. Vote: passed (one abstention).
10. AIChE - Atlanta Meeting Report (T. I. Peterson) - Ted reported on the use of computers for the registration procedure initiated at this meeting -- high success. He also pointed out the implementation of automation in the preparation of the Directory. He emphasized that CAST should provide input/assistance for National with computer techniques/applications. Ted suggested the establishment of an ad hoc committee to work with National Programing Committee, etc. This was approved and Ted was appointed chairman and charged with preparation of a report by the June meeting. (TIP)
11. Distribution of Documents
 - A. Division Bylaws - A summary will be presented in the newsletter and copies will be sent to Executive Committee.
 - B. List of Officers/Chairman - The addresses and phone numbers of all Officers/Board Members will be compiled by Secretary/Treasurer (Bob Fisher) and sent to same. (RJF)
 - C. Agenda and Minutes - Sent to Executive Committee/Board Chairmen.
 - D. Division Newsletter - reduce circulation to paid members only. Charlie Ware moved to take Dick Hughes suggestion to drop distribution of the newsletter to non-members (immediately), seconded by Bob Morris; vote: passed (two abstentions). It was suggested also that the newsletter could be sent out once/year to selected non-members as part of our promotion literature.
12. Membership Committee - Charlie Ware moved that the "Membership Committee" be charged to communicate to AIChE members that are not members of CAST, to invite them to join the division by contacting for example, (1) Code 76, 77 members, (2) CEP advertisement, (3) use of AIChE mailing, (4) etc. (their own initiative); seconded by Bob Morris, vote was unanimous.

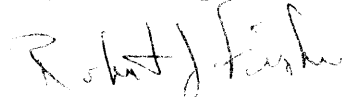
13. Individual Reports

- A. Division Letterhead (Logo) (S. J. Lawrence) - A number of designs were presented/discussed. Consensus was to use the AIChE Shield with the letters "CAST" printed above it (in "computer" lettering as on the CAST buttons). A motion was made to this effect by Dick Hughes and seconded by Lowell Fellingner; vote: pass unanimous. This will now be used on out letterhead and newsletter.
- B. Newsletter (S. J. Lawrence) - Feature article is ready (RLM) (Rudy Motard). Need "shorties"; deadline August 21. Executive Committee/Board Members phone numbers and addresses will be listed in next issue. The budget will be revised as discussed earlier. Bob Morris will obtain the specified (Fisher/Sterba/Seider) data from National.
- C. CACHe (W. D. Seider) - This is the tenth year for the CACHe Committee. The new chairman is D. Himmelblau. The Flowtran workbook is available.
- D. C&ChE (R. R. Hughes) - The Computers and Chemical Engineering Journal needs papers and reviews to be returned sooner. The algorithms and programs section is not receiving the response desired by submitters. Dick questioned the publishing of announcements in the journal. He felt a limited number should appear. No resistance from the committee was voiced.
- E. ASPEN (W. D. Seider) - A report on Project ASPEN was given by Warren in Paul Gallier's absence. The key points were:
- Flowtran is implemented on the MIT computer; many new features (such as handling of solids flow and equipment [cyclones, etc.] and use of three phase equil., etc.
 - Fortran is to be used exclusively.
 - Working task forces to critique design.
 - Quarterly report is available.
- F. Programing Management - Nothing new to report.
- G. Government Interaction (C. H. Ware, Jr.) - National has a representative. However, Charlie is following it more specifically for CAST interests and will

inform the Executive Committee if anything significant comes up.

14. Meeting was adjourned at 5:30 P.M.

Respectfully submitted,



Robert J. Fisher
Secretary/Treasurer
CAST Division - AIChE

cml