

Gordon Research Conferences: Winter Program, 1972

Alexander M. Cruickshank

The Winter Gordon Research Conferences will be held 10–28 January 1972 in Santa Barbara, California, at the Miramar Hotel.

Purpose. The conferences were established to stimulate research in universities, research foundations, and industrial laboratories. This purpose is achieved by an informal type of meeting consisting of scheduled speakers and discussion groups. Sufficient time is available to stimulate informal discussion among the members of each conference. This type of meeting is a valuable means of disseminating information and ideas to an extent that could not be achieved through the usual channels of publication and presentation at scientific meetings. In addition, scientists in related fields become acquainted and valuable associations are formed that often result in collaboration and cooperative efforts among laboratories.

Meetings are held in the morning and in the evening, Monday through Friday, with the exception of Friday evening. The afternoons are available for recreation, reading, or participation in discussion groups, as the individual desires.

It is hoped that each conference will extend the frontiers of science by fostering a free and informal exchange of ideas among persons actively interested in the subject under discussion. The purpose of the program is to bring experts up to date on the latest developments, to analyze the significance of these developments and to provoke suggestions concerning the underlying theories and profitable methods of approach for scientific research. The review of known information is not desired.

In order to protect individual rights and promote discussion it is an estab-

lished requirement of each conference that no information presented is to be used without specific authorization of the individual making the contribution, whether in formal presentation or in discussion. Scientific publications are not prepared as emanating from the conferences.

Registration and reservations. Attendance at the conferences is by application.

Applications must be submitted in duplicate on the standard application form which may be obtained from the office of the director. This procedure is important because certain specific information is required in order that a fair and equitable decision on the application may be made. Attendance at each conference is limited to approximately 100 conferees.

The director will submit the applications of those requesting permission to attend a conference to the committee for that conference. This committee will review the applications and select the members in an effort to distribute the attendance as widely as possible among the various institutions and laboratories represented by the applications. A registration card will be mailed to those selected. Advance registration by mail for each conference is required and is completed on receipt of the card and the deposit of \$30. This advance deposit is not required from foreign scientists. Checks are to be made payable to the Gordon Research Conferences. The deposit will be credited against the fixed fee for the conference. A registration card not accompanied by the deposit will not be accepted.

The Board of Trustees of the conferences has established a fixed fee of \$150 for resident conferees covering registration, double room with bath, City of Santa Barbara room tax, meals, and gratuities for five conference days. It will not provide for golf, telephone,

taxi, laundry, conference photograph, or any other personal expense. The fixed fee was established to encourage attendance for the entire conference and to increase the special fund that is available to each conference chairman for the purpose of assisting conferees who attend a conference at total or partial personal expense with their travel or subsistence expenses or with both.

It is to the advantage of all participants to attend a conference for the entire week. The fixed fee will be charged regardless of the time a conferee attends the conference—that is, for the periods of from 1 to 4½ days. It is divided as follows: registration fee \$50, room and meals \$100 including gratuities, for five conference days. An additional charge will be made for a single room if no double rooms or roommates are available. These rooms will be assigned in the order that applications are received. An additional charge will be made for rooms occupied more than five conference nights (Sunday through Thursday).

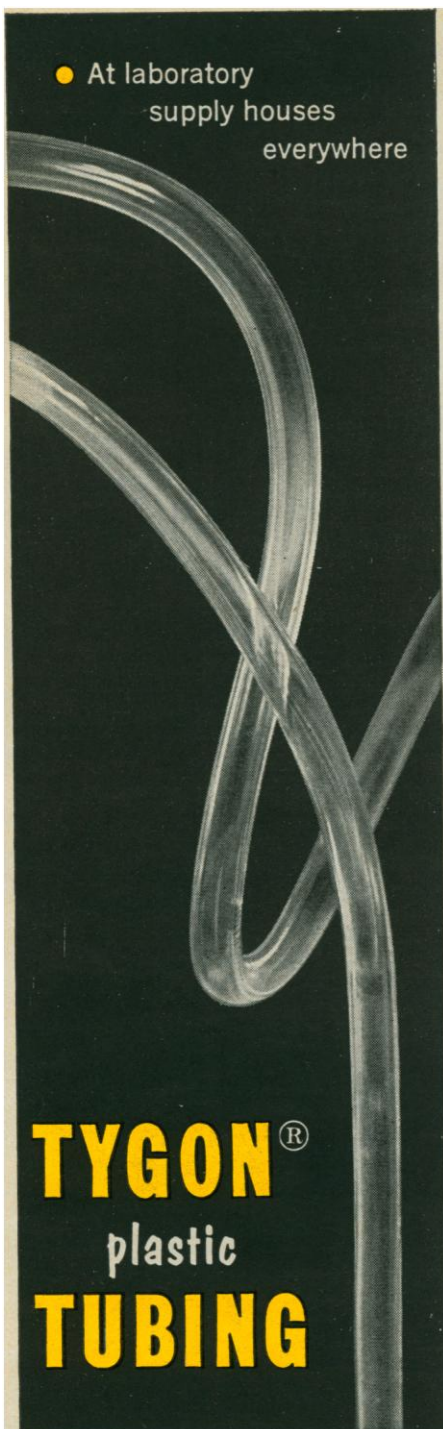
The conferees are expected to live at the conference location because one of the objectives of the conference is to provide a place where scientists can get together informally for discussion of scientific research. When special circumstances warrant a request to live elsewhere, permission must be obtained from the director. If the request is approved, nonresident conferees will be charged a registration fee of \$65 instead of the resident fee of \$50.

Guests. Accommodations are available for wives who wish to accompany their husbands and for children 12 years of age or over. All such requests should be made at the time the attendance application is submitted. The charge for room and meals for a guest is \$100 for five conference days. A deposit of \$30 is required for each guest reservation. This deposit will be refunded if cancellation is received 2 weeks prior to the conference.

Special Fund. A special fund is provided from the registration fee and is made available to the chairman of each conference for the purpose of increasing the participation of research scientists who could not otherwise attend and participate because of financial limitations. Its use is not limited to scientists who have been invited by the chairman as a speaker or discussion leader. The money is to be used as an assistance fund only and may be used

The author is director of the Gordon Research Conferences, University of Rhode Island, Kingston 02881.

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to contribute toward conferees' travel expenses, registration fee, and/or subsistence expenses at the conference location. However, total travel and subsistence expenses usually will not be provided.

Cancellation. The conferee deposit is forfeited if an approved application is canceled. This deposit is not transferable to another conference or conferee.

Membership. Requests for membership in the conferences or for additional information should be addressed to Dr. Alexander M. Cruickshank, Director, Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, Rhode Island 02881. Telephone: 401-783-4011.

The program for the Winter Gordon Research Conferences follows.

Electrochemistry

Allen J. Bard, chairman; James D. E. McIntyre, vice chairman.

10 January. Robert O. Becker, Theodore L. Jahn, and Barnett Rosenberg, "Bioelectrochemistry—fundamentals and future."

11 January. Richard S. Nicholson and J. M. Saveant, "Cyclic voltammetry—progress and prognosis." Organic electrode reaction mechanisms: Lennart Ebersson and Lynn S. Marcoux, "Organic electrode reaction mechanisms: ECE vs. disproportionation"; Manuel M. Baizer and W. Ves Childs, "Reductive couplings."

12 January. Fred Anson, W. Plieth, W. R. Fawcett, and Robert deLevie, "The electroactive species at the electrode surface."

13 January. Larry R. Faulkner, R. VanDuyne, and Nicholas Winograd, "Recent advances in electrochemical-spectroscopic phenomena." Open session.

14 January. Barry Epstein and Harry B. Mark, Jr., "Electrochemistry and the environment."

Chemistry and Physics of

Liquid Crystals

Roger S. Porter, chairman; Julian F. Johnson, vice chairman.

17 January. E. F. Carr, "Anomalous alignment and domains in nematics"; H. Gruler, "Elastic properties of nematics"; R. S. Porter, "Discussions of liquid crystal chemistry."

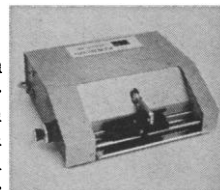
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18 January. J. Kessler, "Thermal conductivity of nematics"; W. R. Young, "Preparation and calorimetric study of ring-methylated esters and methyl-branched chlorostilbenes"; E. M. Barrall, II, "Thermodynamics of mesophases."

19 January. H. K. Bücher, "Studies on dynamic scattering and kinetic behavior of homeotropic nematics"; F. Jones, "End group effects on mesomorphic properties of binary systems"; J. F. Johnson, "Discussions of liquid crystal physics."

20 January. F. Saeva, "Induced circular dichroism in cholesterics." Discussion of unsolved problems in liquid crystals: G. H. Brown, "Ultrasonic and x-ray studies of nematics; liquid crystals as solvents."

21 January. Distinguished foreign guests. Open discussion.

Polymers

Frederick E. Bailey, Jr., chairman; John I. Lauritzen, Jr., vice chairman.

24 January. (R. D. Lundberg, discussion leader): J. E. Glass, "Adsorption of water-soluble polymers at non-reflecting boundaries"; A. Silberberg, "Polymers in interfacial regions." (J. R. Knox, discussion leader): J. F. Johnson, "Separation mechanisms for polymer fractionation."

25 January. (W. R. McDonald, discussion leader): G. S. Y. Yeh, "Order and structure in amorphous polymers"; K. C. Frisch and H. L. Frisch, "Topologically interpenetrating polymer networks." (C. L. Sieglaff, discussion leader): T. T. Szabo, "Composites-multiphase polymer systems."

26 January. (R. Porter, discussion leader): N. W. Tschoegl, "Time-temperature superposition in block copolymers"; M. M. Labes, "Polymerization in liquid crystal systems." (R. M. Fitch, discussion leader): H. R. Allcock, "New advances in phosphonitrilic polymer chemistry."

27 January. (W. Zimmt, discussion leader): H. E. Podall, "Semi-permeable membranes for reverse osmosis processes"; M. M. O'Mara, "Polymer flammability." (F. E. Bailey, discussion leader): G. W. Ingle, "Plastics and the environment."

28 January. (J. I. Lauritzen, discussion leader): R. F. Steiner, "Associating protein systems"; O. Vogl, "New aspects of chloral polymerization"; A. C. Ouano, "Molecular weight detection of GPC effluents."

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