

Gordon Research Conferences: Winter Program, 1969

Alexander M. Cruickshank

The Winter Gordon Research Conferences will be held 20–31 January 1969 in Santa Barbara, California, at the Miramar Hotel. The purpose of the Gordon Research Conferences is to stimulate research in universities, research foundations, and industrial laboratories. This purpose is achieved by an informal type of meeting consisting of scheduled lectures and discussion groups. Sufficient time is available to stimulate informal discussions among the members of each conference. 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. 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. 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 subjects under discussion. The Summer Conferences are held in New Hampshire and Washington [*Science* **159**, 3819 (1968)].

In order to protect individual rights and to promote discussion it is an established 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, limited to approximately 100, is by application. Individuals interested in attending the Conferences are requested to send their applications to the office of the director.

Applications must be submitted in duplicate on the standard form, which may be obtained from the office of the director. The applications will be reviewed by the Conference Committee.

This committee in selecting the participants will distribute the attendance as widely as possible among the institutions and laboratories represented by the applications. A registration card will be mailed to those selected. Advance registration by mail is required; this is completed when the registration card with a deposit of \$30 is received in the office of the director. A registration card without the \$30 deposit will not be accepted. This deposit is not required of scientists from foreign countries.

A fixed fee of \$130 has been established for resident conferees, and covers registration, double room with bath, City of Santa Barbara room tax, meals, and gratuities for 5 conference days. There will be an additional charge for a single room and for rooms occupied more than the 5 conference nights (Sunday through Thursday). The fixed fee was established to encourage attendance for the entire Conference and to increase the Special Fund that is available to the Conference Chairman for assisting participants who attend the Conferences wholly or in part at their own expense.

The participants are expected to live at the Conference location because one of the objectives of the Conferences is to provide a place where scientists can get together informally to discuss scientific research. All participants are urged to attend the Conference for the entire week. Under special circumstances conferees will be permitted to stay at locations other than the site of the Conference. Such nonresident conferees will be charged a registration fee of \$65.

Conferees living at the Conference location who will pay all or part of the fixed fee as a personal expense may request a reduction of \$25 in the registration fee.

Application for this special fee must be made at the Conferences office during the Conferences.

Accommodations are available for wives who wish to accompany their husbands, and for children 12 years of age and 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 \$80.

Cancellation. The deposit of \$30 is forfeited if an approved application for attendance at the Conferences 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, University of Rhode Island, Kingston 02881.

The program to be presented is as follows.

Electrochemistry

Isaac Trachtenberg and Fred Anson are chairman and vice chairman, respectively.

20 January. J. P. G. Farr, "Kinetics of active metal electrodes"; Bioelectrochemistry: Britton Chance, "Electron transfer in biology"; D. C. DeVault, "Electron tunneling in photosynthesis."

21 January. A. A. Pilla, "Dynamic analysis of porous electrodes"; E. A. Grens, "Influence of electrode structure on operation of porous gas electrodes"; D. L. Maricle, "Photoelectrochemistry"; R. deLevie, "Photoemission from mercury electrodes."

22 January. Theory and application of disc and ring-disc electrodes: John Albery (subject to be announced); Stanley Bruckenstein, "Some recent applications of ring-disc electrodes"; open session.

23 January. Theory and application of disc and ring-disc electrodes (continued): A. C. Riddiford (subject to be announced); E. A. Yeager (subject to be announced); D. M. Mohilner, "Application of digital computers to electrochemistry"; Discussion: D. M. Mohilner, "Digital computer analysis of double layer measurements"; Stephen W. Feldberg, "Digital simulation of electrochemical processes"; George Lauer, "The computer as an electrochemical instrument."

24 January. R. Payne, "Electrical double layer in new solvent systems"; J. N. Butler, "Electrode kinetics in non-aqueous solvents."

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

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NEC-403		
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(D-Glucuronic-C ¹⁴ (U))		
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NEC-543		
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Polymers

Charles L. Segal and Jack R. Knox are chairman and vice chairman, respectively.

27 January. (J. Johnson, discussion leader): H. Mark, "Recent progress in polymer chemistry and technology"; A. Eisenberg, "Some physical properties of non-crystalline organic ionic polymers." (W. MacKnight, discussion leader): R. Simha, "Polymer solids at very low temperatures"; M. Shen, "Low temperature thermal expansion of polyethylene unit cell."

28 January. (S. Atlas, discussion leader): J. Stille, "Polyphenylenes"; H. Levine, "Polybenzimidazoquinazolines." (G. Pezdirtz, discussion leader): H. Schroeder, "Boron-based polymers with high temperature stability"; P. Hergenrother, "Poly-as-triazines: synthesis and preliminary stability evaluation."

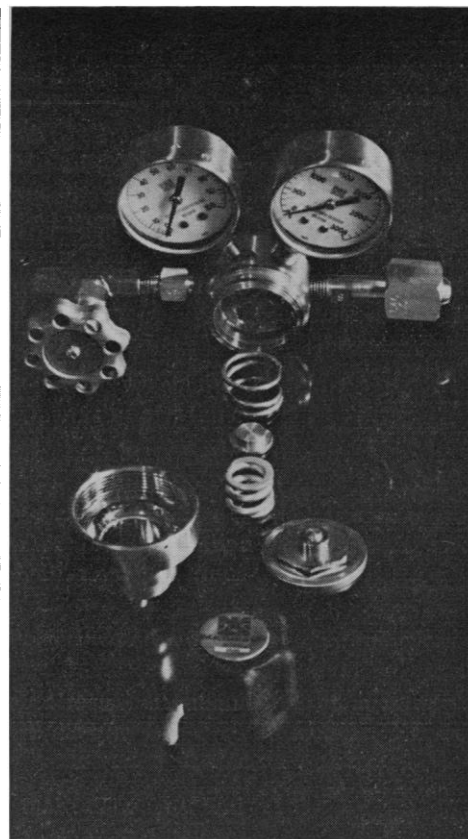
29 January. (R. Conley, principal speaker and discussion leader): Open panel discussion on thermal decomposition; (D. Vincent, discussion leader): I. Goldfarb, "Kinetics of thermal decomposition of model aliphatic and aromatic polyimides."

30 January. (W. McDonald, discussion leader): J. Halpin, "Property-structure concepts in composite materials"; R. Bacon and R. Didchenka, "Interface problems in resin/graphite fiber composites." (F. Bailey, discussion leader): J. Lando, "Crystallization and polymerization on graphite surfaces"; R. Lundberg, "Poly-ε-caprolactone: polymerization and application studies."

31 January. (J. Knox, discussion leader): M. Huggins, "A new theory of intermolecular interactions in polymer solutions"; M. Goodman, "Conformational analysis of stereoregular polymers."

Calendar of Events—Courses

Immunology, Lake Forest College, Lake Forest, Ill., 14–26 July. Sponsored by the American Association of Immunologists and supported by a training grant to the University of Illinois, the course is intended primarily for university or college instructors who require more breadth of knowledge of immune mechanisms for teaching and research. Selection of participants (limited to approximately 50) will be on a competitive basis and will be decided by the Committee on Admissions. Applications must be received not later than 1 April 1969 and should be accompanied



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