

# Gordon Research Conferences: Winter Program, 1970

Alexander M. Cruickshank

The Winter Gordon Research Conferences will be held 19–30 January 1970 in Santa Barbara, California, at the Miramar Hotel. The Summer Conferences are held in New Hampshire and Washington [*Science* **163**, 3871 (1969)].

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 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 subjects 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 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 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 to the Conference Committee. 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 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 \$150 has been established for resident conferees, covering registration, double room with bath, City of Santa Barbara room tax, meals, and gratuities for five Conference days. The fixed fee will be charged regardless of the time a conferee attends a Conference—that is, for the periods of from 1 to 4½ days. There will be an additional charge for a single room and for rooms occupied for more than the five Conference nights (Sunday through Thursday). The fixed fee was established to encourage attendance for the entire Conference and to increase the Special Fund.

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. 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 Conference office during the Conference.

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 \$100.

*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 speakers or discussion leaders. The money is to be used as an assistance fund only and may be used to contribute toward Conference travel expenses and registration fee or subsistence expenses (or both) at the Conference location. Total travel and subsistence expenses usually will not be provided.

*Cancellation.* The \$30 deposit is forfeited if an approved application for attendance at the Conference is canceled. This deposit is not transferable to another Conference or conferee.

*Membership.* Requests for membership in the Conference or for additional information should be addressed to Alexander M. Cruickshank, Director, Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, Rhode Island 02881 (telephone: area code 401, 783-4011).

## Electrochemistry

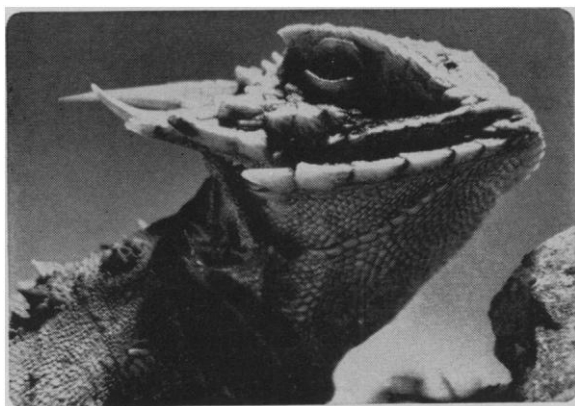
Fred C. Anson, *chairman*; James N. Butler, *vice chairman*.

*19 January.* Martin Fleischmann, "Electrosynthesis"; James P. Collman, "Mechanistic patterns in homogeneous catalysis"; Allen J. Bard, "Electrochemical ion radicals: production and decay."

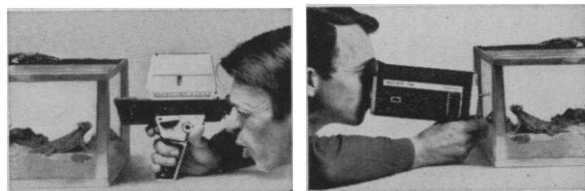
*20 January.* Robert F. Nelson, "Electrochemical reduction mechanisms of halogenated aromatic hydrocarbons"; Dennis H. Evans, "Mechanisms of elec-

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

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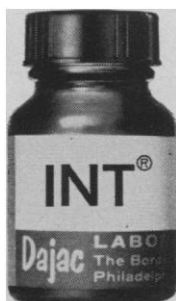
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trolytic reductive couplings"; M. Dale Hawley, "Electrochemical studies of the redox behavior of  $\alpha$ -tocopherol"; James Q. Chambers, "Electrochemistry of some novel organosulfur compounds"; James H. Espenson, "Homogeneous redox processes"; Stal G. Mairanovskii, "Supporting electrolyte effects in organic polarography."

**21 January.** Lucien Gierst, "Ion-pairing in electrode processes"; Michael Szwarc, "Ions and ion-pairs in charge transfer processes"; Paul Delahay, "Photoelectron emission and thermionic emission by solutions."

**22 January.** Hans Strehlow, "On the kinetics of deaquation of cations"; David Aikens, "Ligand exchange and electrode reactions of metal ions"; Ugo Bertocci, "Current studies on electrocrystallization"; Yutaka Okinaka, "Chemical and electrochemical aspects of electroless metal deposition reactions."

**23 January.** B. Timmer, "Recent advances in the study of electrode kinetics by sine wave methods"; Fred C. Anson, "Some effects of reactant adsorption on the rates and mechanisms of simple electrode reactions."

### Polymers

Jack R. Knox, *chairman*; Willard R. McDonald, *vice chairman*.

**26 January.** S. H. Maron, "Thermodynamics of polymer solutions"; H. Utiyama, "The excluded volume effects in dilute solutions of poly-1 methylstyrene"; H. P. Schreiber, "Thermal scanning effects in polyolefin solutions"; E. B. Bagley, "Separability of energy contributions in solutions."

**27 January.** J. H. Gibbs, "Hexi-coil transition in uncharged polyornithine in aqueous solutions of high pH"; A. Charlesby, "Radiation effects in polymer solutions"; J. R. Hollahan, "Plasma reactions at polymer surfaces."

**28 January.** R. E. Hughes, "Conformational and diffraction analysis of partially ordered macromolecules"; J. L. Koenig, "Laser Raman studies of synthetic and natural macromolecules"; C. A. Flegal, "High resolution nuclear magnetic resonance of polypropylenes and polybutadiene at 220 Mhz."

**29 January.** W. T. Barry, "Initiation of fracture in polymers by stress waves"; R. F. Landel, "Relaxation in a chemically degrading elastomer"; E. R. Lippincott, "Polywater and related materials."

**30 January.** R. S. Porter, "Rheology of poly-1-olefins and related polymer system"; J. F. Johnson, "Mechano-chemistry of polymers."