

Association Affairs

The Gordon Research Conferences, sponsored by the AAAS and formerly known as the Gibson Island Research Conferences, will be held this year from June 20 to September 2 at the Colby Junior College, New London, New Hampshire, 100 miles from Boston and 130 miles from Springfield, Massachusetts. These Conferences were established to stimulate research in universities, research foundations, and industrial laboratories. Meetings are informal, with plenty of time for informal discussions as well as scheduled lectures. They are held morning and evening Mondays through Thursdays, and on Friday mornings. Afternoons are available for recreation, reading, resting, or participation in discussion groups. This type of meeting is a valuable means of disseminating information and bringing together scientists in related fields.

The purpose of the program is not to review the known fields of chemistry but primarily to report and explore underlying theories and profitable methods of approach for making new progress. In order to protect individual rights and to promote discussion, it is an established rule of each conference that all information presented is not to be used without specific authorization of the individual making the contribution, whether in formal presentation or in discussion. No publications are prepared as emanating from the conferences.

Individuals interested in attending the conferences are requested to send in their applications to the director on or before *April 1*. Each applicant must state the institution or company with which he is connected and the type of work in which he is most interested. Attendance at each conference is limited to 100.

The director will submit the names of those requesting attendance to the conference committee for each conference. The committee will review the names and select the members in an effort to distribute the requests as widely as possible among the various institutions and companies represented. Those accepted will be notified at least five weeks prior to the date of the conference and will receive registration cards. Advance registration by mail for each conference is required. Return of the registration card with a deposit of \$25.00, made payable to the Gordon Research Conferences, AAAS, completes registration. The deposit of \$25.00 covers \$10.00 registration fee and \$15.00 credit against subsistence expenses at the college. Rates for room and meals have not yet been established but it is planned to reduce the \$9.50 daily rate charged last year. Members attending a conference are expected to live at the college but if special circumstances warrant their living elsewhere they will be charged \$1.00 per day toward support of the conferences. The special reduction of seventy-five cents a day to members attending at their own expense has been discontinued.

If it is necessary to cancel a reservation, notice should be sent to arrive in the office of the director three weeks

prior to the conference, whereupon \$20.00 will be refunded from the \$25.00 deposit. No refund will be made for later cancellation.

Accommodations are available for a limited number of women to attend the conference and for wives who wish to accompany their husbands. All such requests should be made at the time of request for attendance, because these limited accommodations will be assigned in the order that specific requests are received.

Requests for attendance at the conferences, or for any additional information, should be addressed to W. George Parks, Director, Department of Chemistry, Rhode Island State College, Kingston, Rhode Island. From June 15 to September 1, 1949, mail should be addressed to Colby Junior College, New London, New Hampshire.

Program

PETROLEUM

John R. Bowman, Chairman; C. C. Price, Vice Chairman

June 20 Beveridge J. Mair, James W. Westhaver, F. D. Rossini, "Theory and Practice of Fractionation of Liquids by Adsorption"; B. H. Sage, "Hydrocarbon Thermodynamics."

June 21 F. J. McClure, "Fundamental Aspects of Modern Combustion Research"; Manson Benedict, "Use of Entropy in Chemical Engineering."

June 22 C. F. Prutton, "Petroleum Lubricant Additives"; P. Debye, "Theory and Phenomena of Micelle Formation."

June 23 M. W. Tamele, Otto Beeck, "The Nature of the Silica-Alumina Cracking Catalyst"; P. D. Foote, "Civilization's Future Energy Needs."

June 24 A. G. Oblad, T. H. Milliken, G. A. Mills, "The Active Principle of Petroleum Cracking Catalysts."

CATALYSIS

Ahlborn Wheeler, Chairman; C. W. Montgomery, Vice Chairman

June 27 Discussion. H. S. Taylor, "The Recent Work of G. M. Schwab on the Activity of Alloy Catalysts"; John R. Bowman and Richard H. Wilhelm, "Theory and Practice in Fluid Bed Catalysis."

June 28 Pierce W. Selwood, "A New Technique: Nuclear Induction and the Structure of Catalytically Active Solids"; L. Hofer, "Thermo-Magnetic Analysis of Fischer-Tropsch Catalysts"; Otto Beeck, "Mechanism of (a) Isomerization and (b) Fischer-Tropsch Reactions from Experiments with Radio-Carbon and Heavy Hydrogen."

June 29 J. T. Kummer and P. H. Emmett, "Use of Isotopic Tracers in Chemisorption of Carbon Monoxide and Hydrogen on Iron Catalysts"; Henry H. Storch,