



Dr. John Pellam, Professor of Physics, lectures on low temperatures at the 18th annual Alumni Seminar.

ALUMNI SEMINAR DAY

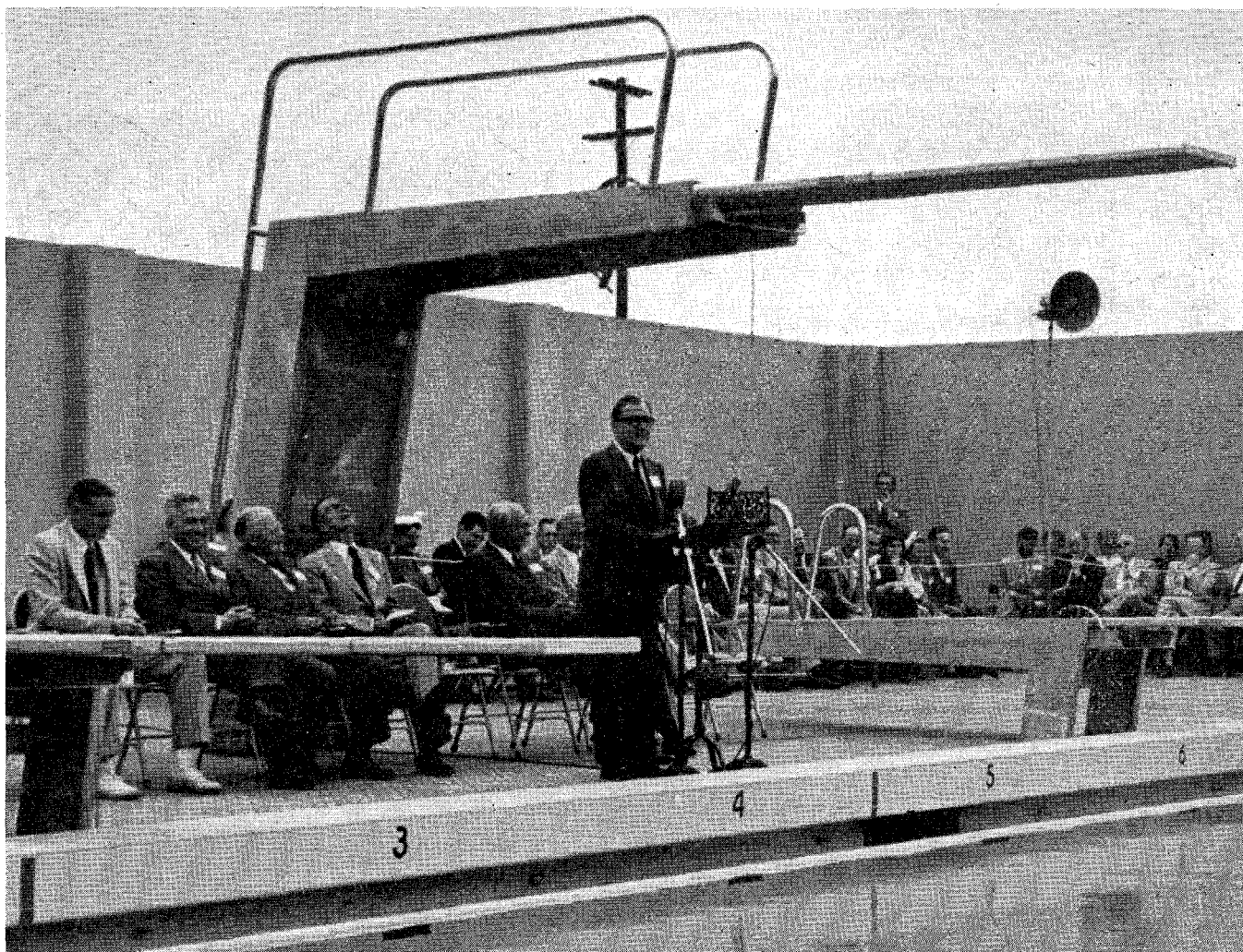
A TOTAL OF 628 PEOPLE attended the 18th annual Alumni Seminar on April 16—298 alumni, 135 wives, 31 faculty and their guests, and 14 Industrial Associates of the Institute.

The daytime program featured a series of eight lectures which provided a varied sample of the sweep of activities at the Institute. Dr. Dan Piper, Assistant Professor of English, spoke on "French Distrust of Uncle Sam"; Dr. Peter Kyropoulos, Associate Professor of Mechanical Engineering, discussed high octane fuel; Dr. William A. Baum, of the Mount Wilson and Palomar Observatories staff, reported on "The Size of the Universe—Today"; Dr. A. J. Haagen-Smit, Professor of Bio-Organic Chemistry, told of the varied uses of essential oils; Dr. Lester M. Field, Professor of Electrical Engineering, discussed microwaves; Dr. Henry Hellmers,

Research Fellow in Biology, spoke on vegetation as an erosion control; Dr. John R. Pellam, Professor of Physics, discussed extreme low temperatures in "Surprises Near Absolute Zero," and W. H. Hildeman, Graduate Teaching Assistant in Biology, talked on tropical fishes.

Highlight of the afternoon program was the official dedication of the Alumni Swimming Pool, followed by a water ballet, a diving exhibition by Olympic champions—and a chance for the hardier visitors to try out the pool for themselves.

After dinner at the Pasadena Elks Club, President DuBridge reported on recent developments at the Institute, and Dr. Robert M. Hutchins gave a talk on "The Sources of National Strength," which may be found on page 20 of this issue.



Dedicating the new Alumni Swimming Pool—Albert B. Ruddock, chairman of the Caltech Board of Trustees, at the microphone; seated are student body president Phil Conley, President DuBridge, Prof. Royal Sorensen, Alumni president Kenneth Russell, Alumni Fund founder Howard B. Lewis, athletic director Hal Musselman.



A near-record crowd of 628 alumni, their families and guests, attended this year's seminar.