

#### TELEVISION CONVERSATION

*Caltech's President Lee A. DuBridge and Simon Ramo, member of the Caltech board of trustees and president of the Bunker-Ramo Corp., will discuss "Science and Society . . . a Race Against Time," on KCET, Channel 28, March 15 at 9 p.m. The program will be repeated March 18 at 10:30 p.m. Their half-hour conversation, one of National Educational Television's series entitled "Spectrum," will be shown on all NET affiliated stations throughout the country during the month.*

## THE MONTH AT CALTECH

### HONORS AND AWARDS

Robert F. Christy, Caltech professor of theoretical physics, has been awarded the Eddington Medal of the Royal Astronomical Society of London for his calculations on variable stars, specifically "his work on the non-linear theory of pulsating stars, which has enabled a close comparison to be made with observations of Cepheids and RR Lyrae variables."

The medal, commemorating the late Sir Arthur Eddington, British astrophysicist, is awarded for investigation in astronomy, with preference for theoretical astronomy.

Robert B. Leighton, Caltech professor of physics and staff member of the Mt. Wilson and Palomar Observatories, has been awarded the space science award of the American Institute of Aeronautics and Astronautics. Dr. Leighton was cited for "outstand-

ing achievements in astronomy and in astrophysics, particularly in solar surface studies and in Mariner IV studies of Mars." Among these achievements are his observations of the huge atmospheric waves rising and falling on the sun, made with a Doppler camera that he invented, and his work as chief investigator of the television picture experiment of Mariner IV.

### SCIENCE MUSEUM STUDY

Six Caltech men have been appointed to a seven-member committee set up this month to study the possibilities of establishing a science museum in Pasadena: Horace Babcock ('34), director of the Mt. Wilson and Palomar Observatories; Theodore C. Combs ('27), director of alumni relations; Victor Neher (PhD '31), professor of physics; Robert W. Oliver, associate professor of economics; William Pickering ('32, MS '33, PhD '36), director of Cal-

tech's Jet Propulsion Laboratory; and A. M. Zarem (MS '40, PhD '44), president of Electro-Optical Systems, Inc. The proposal for a science museum, with the emphasis to be on Pasadena's contribution to space exploration, was made by Dr. Neher.

#### EARTHQUAKE RESEARCH SUPPORT

Caltech has organized a new program, the Earthquake Research Affiliates, to provide broader support for earthquake research and to establish closer liaison between corporations and the Institute. Because of the potential of increased damage from earthquakes, due to denser population and urban complexities, many concerned groups in industry and government have shown interest in earthquake research information.

Seven companies currently supporting the Institute's studies in this field have been designated founders of the new program, and affiliate memberships have been made available. Although the program is basically for research support, members will receive special communications and will have the opportunity to participate in conferences on the Caltech campus and in field trips.

#### NEW APPOINTMENTS

Caltech's Harrison Brown has accepted a joint appointment as professor of geochemistry with the division of geological sciences and as professor of science and government with the division of the humanities and social sciences. Dr. Brown has been on the Institute faculty since 1951 in the former capacity; he assumes his new responsibilities as a result of the humanities' increasing emphasis on the relationship of science and government.

As foreign secretary of the National Academy of Sciences, Dr. Brown spends a great deal of time in Washington, D. C., examining in depth the interrelationship of scientific activity and government. Within the Academy he has been responsible for setting up major international scientific endeavors, including the programs of the International Council of Scientific Unions and scientific exchanges between eastern European countries and the United States. He has initiated a series of programs for selected developing countries aimed at strengthening their scientific competence in relation to economic and agricultural development.

In his new appointment in the humanities division he will be concerned with the politics of science and with the economic, political, and social development of non-Western countries. As an active member of the division he will participate in interdisciplinary social science courses and seminars, arrange

for specialists in science and government to visit the campus, and will help coordinate visits of students to Washington.

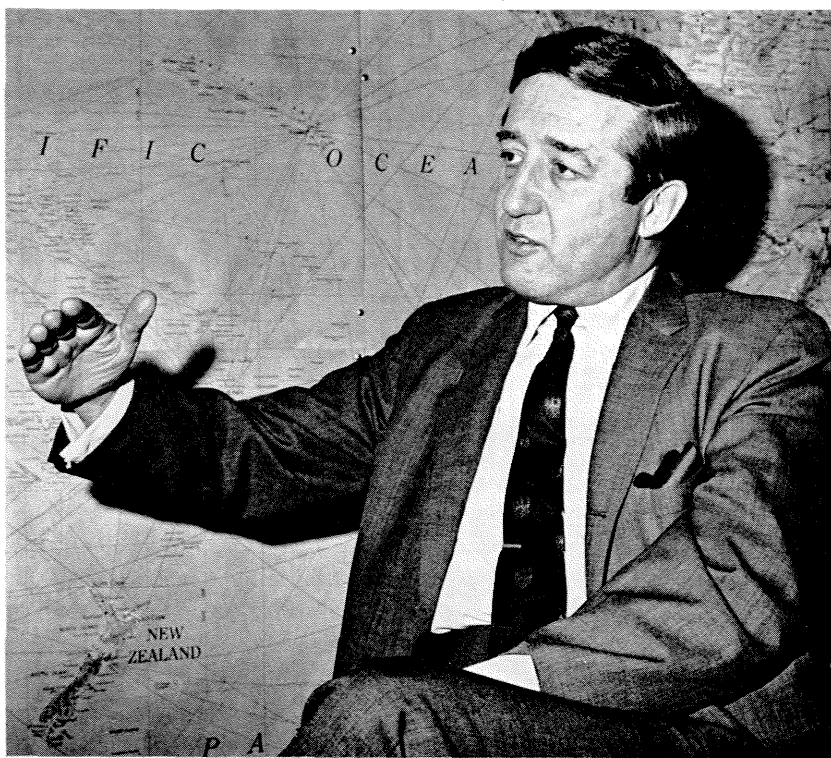
Lyman G. Bonner, Caltech director of foundation relations, has received a new appointment as assistant to the president of the Institute. He will represent the president's office as coordinator of campus development and will maintain liaison with federal agencies that support research.

Replacing Dr. Bonner as director of foundation relations is Edward P. Hanak, who has been serving as associate director of corporate relations. He will be responsible for establishing and maintaining Caltech's relationships with private foundations supporting higher education.

Frederick W. Mintz, currently a senior buyer for Caltech's procurement department, will succeed Mr. Hanak in corporate relations.

#### BROKEN PRECEDENT

For the first time in the history of Caltech an underclassman has been elected student body president. Joe Rhodes, sophomore physics major from Pittsburgh, won over three upperclassmen opponents by a 70 percent majority. Although in the past ASCIT by-laws have limited the candidacy to upperclassmen, a revision of the by-laws changing this limitation was approved at a special student body election early in February.



Harrison Brown, professor of geochemistry.