

Caltech's 75th Anniversary

The California Institute of Technology celebrates 75 years of teaching and research this year, a distinguished history which began in 1891 when the Honorable Amos G. Throop founded Throop University, thereafter known as Throop Polytechnic Institute, Throop College of Technology, and, since 1920, the California Institute of Technology.

To commemorate these 75 years, a four-day program will be held at Caltech, beginning Monday, October 24, with the Seventy-Fifth Anniversary Convocation and followed by a Conference on Scientific Progress and Human Values.

The first day's program, on October 24, will open with a showing in Dabney Lounge of exhibits prepared by the various divisions of the Institute. That afternoon, there will be a Convocation and academic procession on the Beckman Auditorium Mall. Principal speaker will be John W. Gardner, U.S. Secretary of Health, Education, and Welfare.

The three-day invitational conference in Beckman Auditorium that follows the Convocation will focus attention on the urgent problems arising from man's rapidly advancing knowledge in science and technology.

A CONFERENCE ON SCIENTIFIC PROGRESS AND HUMAN VALUES *Beckman Auditorium, October 25-27*

Tuesday, October 25

Morning—THE SPECULATIONS OF SCIENCE

Chairman: Robert F. Bacher

- I. About the Elementary Particles of Physics
Murray Gell-Mann
- II. About the Universe
Jesse L. Greenstein
- III. About the Earth
Robert P. Sharp

Afternoon—THE TECHNOLOGY OF SCIENCE

Chairman: William H. Pickering

- I. The Future of Nuclear Power as Seen from the United Kingdom
Sir William Penney, Chairman, United Kingdom Atomic Energy Authority
- II. Manned Space Flights: Programs, Progress, and Prospects
George E. Mueller, NASA
- III. Communication—Outlook for the Future
John R. Pierce, Bell Telephone Laboratories

Wednesday, October 26

Morning—NEW KNOWLEDGE IN BIOLOGY

Chairman: Ray D. Owen

- I. Heredity and Evolution
James F. Crow, University of Wisconsin
- II. Memory and Learning
J. Z. Young, University College, London

Afternoon—WHERE IS BIOLOGY TAKING US?

Discussion Chairman: James F. Bonner
Neal E. Miller, Yale University
Robert S. Morison, Cornell University
Robert L. Sinsheimer

Thursday, October 27

Morning—SCIENCE AND SOCIETY

Chairman: Hallett D. Smith

- I. Historical Perspective
Asa Briggs, University of Sussex
- II. Trends in Modern Society
Daniel Bell, Columbia University
- III. Values and the Humanities: Are There Any Absolute Values?
Herbert J. Muller, University of Indiana

Afternoon—WHAT ARE THE URGENT PROBLEMS?

*Discussion Chairman: Don K. Price, Harvard
Graduate School of Public Administration*
James F. Bonner
Murray Gell-Mann
Carl Kaysen, Institute for Advanced Study
Simon Ramo, TRW, Inc.

Evening—Chairman: Lee A. DuBridge

The Role of the Educator in a Scientific World
Lord James of Rusholme, University of York