

intervals beginning on September 21, when Dr. Haas will leave San Francisco by clipper. It is expected the commission will operate for about a year.

THE FIFTIETH ANNIVERSARY OF THE UNIVERSITY OF CHICAGO

THE closing events of the celebration of the fiftieth anniversary of the University of Chicago will be held from September 22 to 29. The exercises will center about the subject of "New Features in Education and Research." Details of the program have been printed in the issues of *SCIENCE* for July 11 and August 15.

Attendance is expected to reach ten thousand. The American Association for the Advancement of Science will meet at the university during the week. Many scientific men from this country and abroad, including many refugee scholars, are expected to be present.

At the anniversary convocation on September 29 President Robert M. Hutchins will make an address and thirty-four honorary degrees will be conferred. The academic festival will end with a luncheon for the visiting delegates of more than four hundred colleges, universities, research institutions and learned societies. Speakers after the luncheon will be President James B. Conant, of Harvard University; President Robert G. Sproul, of the University of California, and President Mildred McAfee, of Wellesley College.

Preceding the special convocation on September 27, President Homer P. Rainey, of the University of Texas, and President Hutchins will speak at the annual alumni assembly; Professor Louis Gottschalk will speak at the Phi Beta Kappa dinner, and official delegates from colleges and universities will attend a reception given by deans of the university.

On Sunday, September 28, an anniversary service of commemoration and thanksgiving will be held in Rockefeller Memorial Chapel, followed by a reception for the delegates given by President and Mrs. Hutchins. President Hutchins will be among the speakers on a special broadcast of the University of Chicago Round Table on the nationwide red network of the National Broadcasting Company at 1:30 P.M. At 8:30 P.M. a special festival concert by the Chicago Symphony Orchestra under the direction of Dr. Frederick Stock will be given in Rockefeller Memorial Chapel.

The festival will follow five days devoted to the meetings of learned societies (September 22 to 26),

in which more than a hundred and sixty scientific workers and scholars, including the thirty-four who will be the recipients of honorary degrees, will describe the results of their works.

SYMPOSIA AT THE ATLANTIC CITY MEETING OF THE AMERICAN CHEMICAL SOCIETY

AN extensive program of symposia has been arranged by the various divisions of the American Chemical Society for the Atlantic City meeting, which will be held from September 8 to 12. They are as follows:

Division of Agricultural and Food Chemistry, Gerald A. Fitzgerald, *chairman*. "New Analytical Tools for Biological and Food Research." (Joint symposium with the Divisions of Biological Chemistry and Medicinal Chemistry), G. A. Fitzgerald, *presiding*.

Division of Biological Chemistry, Herbert O. Calvery, *chairman*. "Physicochemical Methods in Protein Chemistry." (Joint symposium with the Division of Physical and Inorganic Chemistry), D. A. MacInnes, *presiding*. "The Chemistry of Aging," Anton J. Carlson, *presiding*. "New Analytical Tools for Biological and Food Research." (Joint symposium with the Division of Agricultural and Food Chemistry and Medicinal Chemistry.)

Division of Chemical Education, R. D. Reed, *chairman*. "Professional Training of Chemists or Chemical Engineers," R. D. Reed, *presiding*.

Division of Fertilizer Chemistry, H. B. Siems, *chairman*. "Phosphates." (Joint symposium with the Division of Industrial and Engineering Chemistry.)

Division of Industrial and Engineering Chemistry, B. F. Dodge, *chairman*. "Unit Processes," R. Norris Shreve, *presiding*. "Symposium on Phosphates." (Joint symposium with the Division of Fertilizer Chemistry.) "Electrical Insulation Materials," R. N. Evans, *presiding*.

Division of Medicinal Chemistry, R. J. Fosbinder, *chairman*. "New Analytical Tools for Biological and Food Research." (Joint symposium with the Divisions of Agricultural and Food Chemistry and Biological Chemistry.)

Division of Paint, Varnish and Plastics Chemistry, G. G. Sward, *chairman*. "Progress in High Polymer Plastics," S. L. Base, *presiding*.

Division of Physical and Inorganic Chemistry, J. G. Kirkwood, *chairman*. "Physicochemical Methods in Protein Chemistry." (Joint symposium with the Division of Biological Chemistry.) "Magnetism and Molecular Structure," P. W. Selwood, *presiding*. "Elementary Reactions," F. O. Rice, *presiding*.

Division of Rubber Chemistry, R. H. Gerke, *chairman*. "Rubber for Defense," R. H. Gerke, *presiding*.

SCIENTIFIC NOTES AND NEWS

DR. WILLIAM LLOYD EVANS, professor of chemistry and chairman of the department of the Ohio State University, will deliver on September 10 the presi-

dential address before the American Chemical Society meeting at Atlantic City. He will speak on "Some Less Familiar Aspects of Carbohydrate Chemistry."