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The Engineering Foundation has the cordial cooperation of the American Institute of Mining and Metallurgical Engineers and other societies of engineers; the American Iron and Steel Institute, American Foundrymen's Association, Battelle Memorial Institute, Columbus, Ohio; Carnegie Institute of Technology, Pittsburgh; Lehigh University and other universities, iron and steel companies and other industries, the National Bureau of Standards, United States Bureau of Mines, technical journals and numerous individuals. Informal assurances of foreign cooperation also have been received.

Such laboratory research as the committee undertakes will have for its aim the production of basic data which may be freely disseminated. Utilization of the data for commercial processes will be open to the industries.

DEDICATION OF THE JAMES WARD PACKARD LABORATORY AT LEHIGH UNIVERSITY

THE James Ward Packard Laboratory for Electrical and Mechanical Engineering was dedicated at Lehigh University on October 15. Mr. Charles M. Schwab, chairman of the board of trustees of the Bethlehem Steel Corporation and a trustee of the university, who made the dedicatory address, paid high tribute to the late Mr. Packard, donor of the building. Dr. Charles Russ Richards, president of the university, was chairman. The architects, Messrs. T. C. Visscher and J. L. Burley, of New York City, were introduced and the former presented the keys of the building to Mr. Eugene G. Grace, president of Lehigh's board of trustees. The keys were then presented in turn to Dr. Richards, Professor F. V. Larkin, head of the department of mechanical engineering, and Professor S. S. Seyfert, acting head of the department of electrical engineering.

A two-day conference on the relations of technical schools to industry followed the dedication, at which the subjects and speakers were as follows: "What Industry Expects of the Technical Schools": F. A. Merrick, president Westinghouse Electric and Manufacturing Company; L. W. Baldwin, president Missouri

Pacific Railway; A. R. Glancy, president Oakland Motor Car Company; M. S. Sloan, president Brooklyn Edison Company; Baneroff Gherardi, vice-president and chief engineer American Telephone and Telegraph Company.

"What the Technical Schools Expect of Industry": Dr. Arthur Maurice Greene, Jr., dean of the School of Engineering, Princeton; Professor Dugald Caleb Jackson, head of the department of electrical engineering at Massachusetts Institute of Technology; David Ross, president of the Ross Gear Company and president of the board of Purdue University, and Dr. William E. Wickenden, president of the Case School of Applied Science.

"The Future of Industry, its Problems and Needs": Magnus W. Alexander, president National Industrial Conference Board, New York City; "Distribution and Its Effect on Industry," Edward A. Filene, president and chairman of the board of William Filene's Sons' Company, Boston; "The Effects of Research on the Future of Industry," Dr. John Johnston, director of research, United States Steel Corporation, Kearny, New Jersey, and "The Methods of Industrial and Business Forecasting," S. L. Andrew, chief statistician, American Telephone and Telegraph Company, New York.

THE FRANKLIN INSTITUTE

DR. HOWARD McCLENAHAN, secretary of the Franklin Institute and director of the Benjamin Franklin Memorial and Franklin Institute Museum, announces that three heads of departments of the museum have been appointed. Dr. James Barnes, present professor of physics in Bryn Mawr College, has been appointed head physicist and will assume the duties of his office at the completion of his present year in Bryn Mawr. Mr. Charles E. Bonine, of the firm of consulting engineers Bonine and Costa, will serve as head of the engineering section of the scientific staff. Mr. Bonine has already taken up active work in connection with the development of engineering in the new museum. Mr. James Stokley, of Washington, D. C., a member of the staff of Science Service, will be the head of the astronomical section of the new institution. Mr. Stokley will be responsible for the operations of the planetarium section and of the astronomical observatory, as well as the outdoor observatory of the museum. These three men, together with Dr. McClenahan who is himself an electrical engineer by training and has been for some twenty-eight years a professor of physics in Princeton University, form the nucleus for the staff of the new institute. A director of the chemical section will