

will participate jointly. The joint sessions will emphasize the application of physics in the industrial world of to-day. Leaders in various fields have been invited to take part in symposia concerned with the training of physicists for industry and with the applications of physics in industry. While abounding in technical value, these symposia will be addressed to all who are interested in science, whether or not they are specialists in the fields discussed. Every effort is being made to arrange a program of exceptional interest.

The headquarters will be at the Hotel Pennsylvania, and all the meetings will be held at the hotel. Non-scientists as well as engineers and chemists are cordially invited to attend this meeting.

On Thursday morning Dean Homer L. Dodge will speak on the training of physicists for industry from the point of view of the educator, while Dr. A. R. Olpin, of Kendall Mills, will speak from the point of view of the industrialist.

The speakers for the symposium on "Physics in Industry," which will be held on Thursday afternoon and Friday morning, are Messrs. E. C. Sullivan, Zay Jeffries, Paul D. Foote, J. P. Den Hartog, John E. Burchard, O. E. Buckley, Clark B. Millikan and Joseph Slepian. The papers will cover many phases of applied physics. The individual societies are also planning feature programs which will be announced in the near future.

On Friday evening a large joint dinner meeting of all the societies will be held. As a special entertainment feature, John Mulholland, president of the Society of American Magicians, will perform.

RECENT DEATHS

DR. EDWIN OAKES JORDAN, professor emeritus of bacteriology at the University of Chicago, died on September 2 at the age of seventy years.

DR. BERNARD SMITH, director of the British Geological Survey and Museum of Practical Geology, London, died on August 19 at the age of fifty-five years. Dr. Smith joined the Geological Survey in 1906; in 1931 he was appointed assistant to the director, Sir John Flett, and in July, 1935, he succeeded him as director. Dr. Smith was awarded the Bigsby medal of the Geological Society in 1927 and was elected fellow of the Royal Society in 1923.

WILLIAM RINTOUL, for ten years manager of the research organization of Imperial Chemical Industries, Ltd., died on August 25 at the age of sixty-six years.

PROFESSOR BENJAMIN GEORGE CORMACK, emeritus professor of botany at the Anderson College of Medicine, Glasgow, died on August 12 at the age of seventy years.

PROFESSOR JULIUS TANDLER, head of the Russian Health Institute, Moscow, previously federal minister of health in Vienna and professor of anatomy at the University of Vienna, died on August 26. He was sixty-two years old. Dr. Tandler attended the first International Hospital Congress at Atlantic City in 1929. He returned to the United States last year and lectured at the Columbia-Presbyterian Medical Center and at Mount Sinai Hospital.

DR. LUIGI DEVOTO, professor of pathology in the University of Pavia, an authority on occupational diseases, died on July 20, aged seventy-two years.

THE recent death is announced of the geologist, Dr. Krishna Kumar Mathur, principal of the Science College, Benares Hindu University.

SCIENTIFIC NOTES AND NEWS

DR. T. WAYLAND VAUGHAN, who recently retired as director of the Scripps Institution of Oceanography, La Jolla, will make his home in Washington, D. C., where he will continue his oceanographic work in connection with the U. S. Geological Survey and the U. S. National Museum. Before going to La Jolla in 1925, Dr. Vaughan had been senior geologist in the survey and associate in marine sediments at the museum.

PROFESSOR WILLIAM ERNEST CASTLE, who joined the faculty of Harvard University in 1897 as instructor in zoology, becoming professor in 1908, and who retired with the title emeritus last spring, has joined the faculty of the University of California,

where he plans to continue his work on genetics. He is expected to take up his residence at Berkeley next month.

AFTER serving as head of the department of zoology at Oberlin College for twenty-three years, Professor Robert A. Budington has requested that that office be transferred to Dr. Charles G. Rogers, professor of comparative physiology in the department. In other respects Dr. Budington will continue in the same relation as hitherto to the program of zoological instruction.

Nature reports that at the annual summer Conference of Advisory Plant Pathologists at the University of Leeds, Dr. Geo. H. Pethybridge, mycologist to