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we hear that

1949. Since 1957 he has also been chairman of the department of electrical engineering at Monmouth College in New Jersey.

Gerhard Herzberg Award goes to Peter J. Krueger

Peter J. Krueger, a professor in the department of chemistry, University of Calgary, has been given the first Gerhard Herzberg Award of the Spectroscopy Society of Canada. He received the award for his work in vibrational spectroscopy and for his use of infrared and Raman spectroscopy in elucidating force fields and molecular geometry in complex organic molecules.

A native of Canada, Krueger received his PhD from Oxford University in 1958. The following year he went to the University of Calgary. He served as head of the department during 1966-70 and vice-dean of the Faculty of Arts and Sciences from 1970 to 1972.

Formerly the director of astronautics at NASA Ames Research Center, **Charles P. Sonett** has been named director of the Lunar and Planetary Laboratory at the University of Arizona.

At the Johns Hopkins Applied Physics Laboratory **Alvin G. Schulz** has been promoted to assistant director for planning, and **Theodore O. Poehler** has been promoted to head of the quantum-electronics group.

Bolesh Shutnik of Firestone Radiation Research Laboratories has joined the chemistry department at Fairfield University, Fairfield, Conn., as an assistant professor.

Truman O. Woodruff of Michigan State University has been appointed chairman of the physics department. Recently promoted to the rank of professor are **Maris A. Abolins**, **George F. Bertsch**, **Walter Benenson** and **Jack Bass**. **Benedict Oh** has been promoted to assistant professor in the department. New appointments to assistant professor include **Priscilla J. Colwell** of the University of Chicago and **Roger E. Markham** of the University of Rochester.

At Southern Illinois University, Edwardsville, **George A. Henderson** and **Frederick W. Zurheide** have been promoted to associate professor.

New appointments in the physics department at the University of California, Santa Barbara, include **Alan Eisner**,

formerly a research physicist in the high-energy users group at the University, to assistant professor, and **David Benard** of Johns Hopkins Applied Physics Laboratory, to lecturer. **Robert Sugar** has been promoted to professor.

At Florida State University **Robert H. Hunt** has been appointed associate chairman of the physics department. He has been director of the University's Infrared and Molecular Structure Laboratory for the past five years.

Frank H. Featherston, formerly Chief of Naval Training Support, Pensacola, Fla., has assumed the post of Deputy and Assistant Chief of Naval Research in the Office of Naval Research, Arlington, Va.

A new appointment as the Abby Rockefeller Mauzé Professor at the Massachusetts Institute of Technology has been accepted by **Mildred S. Dresselhaus**, professor and associate head of the department of electrical engineering at MIT.

In the physics department at Temple University **James D. Gunton** and **Robert L. Intemann** were recently promoted to associate professor, and **Jack Crow**, formerly of Brookhaven National Laboratory, was appointed associate professor.

E. Gale Pewitt, director of the high-energy facilities division of Argonne National Laboratory, has been appointed associate laboratory director for energy and environment.

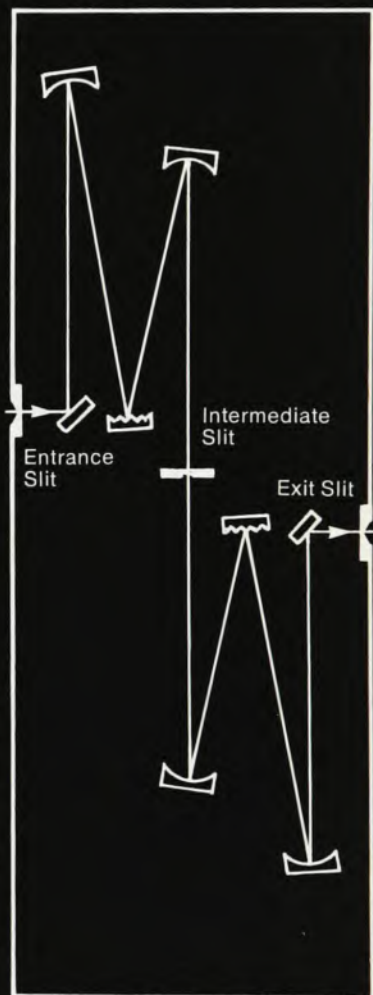
George L. Lang, formerly with the Atomic Energy Research Establishment, Harwell, UK, has joined the physics department at Pennsylvania State University as a professor. **John F. Houlihan** was recently promoted to assistant professor in the department.

Recent additions to the staff at Los Alamos Scientific Laboratory include **Susan M. Johnson** of the Madison Academic Computing Center at the University of Wisconsin, Madison, and **Richard L. Cubitt** of the US Atomic Energy Commission, Atlanta, to the medium-energy physics division; **Calvin E. Moss** of the University of Colorado, Boulder, and **Sandra Z. Engelke** of the University of New Mexico, Albuquerque, to the physics division. **Alvin J. Miller** of Lawrence Berkeley Laboratory has joined the health research division.

At Rutgers University **Harold Zapolsky**, formerly program director for theoretical physics at the National Science Foundation, has been appointed professor and chairman of the physics department. Professor and acting chairman **Bernard Serin** has retired from the

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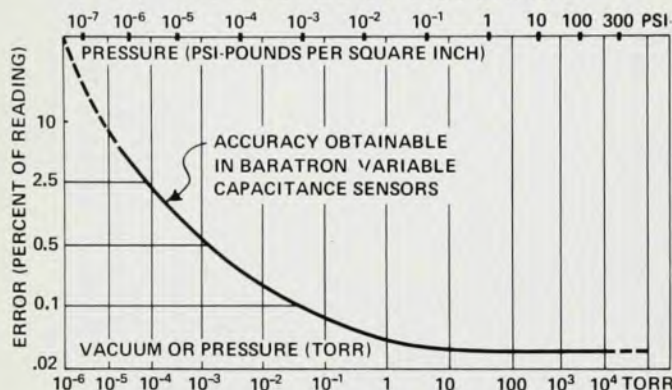
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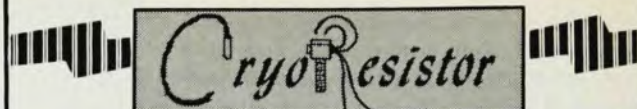
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University to accept an appointment at Manchester University, UK. **Joseph Johnson III**, formerly chairman of the physics department at Southern University, has been appointed associate professor. **William Glaberson** and **Charles Glashauser** have been promoted to associate professor.

Richard Blank, formerly senior design engineer with Heath/Schlumberger Corp. has joined GCA/McPherson Instrument Corp as a staff physicist.

The new chairman of the department of physics at the University of Florida is **Lewis H. Nosanow**, formerly of the University of Minnesota. **Wiley P. Kirk**, from the State University of New York, Stony Brook, has been appointed assistant professor of physics.

At Florida International University **Kenneth Hardy** has been promoted to associate professor of physics, and **Ralph Morganstern**, formerly with the Centro de Investigacion del Instituto Politécnico Nacional in Mexico City, has been appointed assistant professor.

At Bell Telephone Labs **Warren E. Falconer** has been promoted to director of the newly organized Physical Chemistry Research Laboratory.

In the physics department at Kansas State University **James C. Legg** has been promoted to professor and **John Evans** to associate professor. **Alvin Compaan**, of the University of Chicago and New York University, has joined the staff as an assistant professor.

With the General Motors Corp Research Laboratories since 1960, **Richard W. Rothery** has been appointed assistant department head of Transportation and Urban Analysis.

Formerly at Loughborough University of Technology, UK, **Martin V. Lawson** has accepted a position as chief scientist at Westland Helicopters Ltd, UK.

Israel Dostrovsky, who has served for the past year as acting president of the Weizmann Institute of Science, Israel, has been elected president of the Institute.

Harry Lustig, associate dean of science at City College of the City University of New York, has been named dean of the College of Liberal Arts and Sciences.

Paolo Di Vecchia, of CERN, has been appointed assistant professor at Nordita, the Nordic Institute for Theoretical Atomic Physics.

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we hear that

At the Massachusetts Institute of Technology **Francis E. Low**, the Karl Taylor Compton Professor of Physics, has been appointed head of the Center for Theoretical Physics. He succeeds **Herman Feshbach**, who has become

head of the department of physics. **Victor F. Weisskopf** resigned as department head in July to devote more time to lecturing and research. **John G. King**, distinguished teacher and researcher in the department of physics, has been named an associate director of the Research Laboratory of Electronics at MIT.

obituaries

Wolfgang J. Ramm

Wolfgang J. Ramm, a research physicist with the US Army Electronics Technology and Devices Laboratory, Fort Monmouth, New Jersey, died on 6 November at the age of 65.

Ramm was born in Leipzig, Germany in 1908. He studied at the University of Leipzig and received his PhD in physics in October 1934. When his thesis advisor, Peter Debye, became director of the Kaiser-Wilhelm-Institute for Physics in Berlin in 1936, Ramm accompanied him as a member of his scientific staff. During this time he was engaged in studies of the optical and high-frequency electrical properties of polar liquids. He remained at the Institute under Debye's successor, Werner Heisenberg, and conducted a research program on radioactive isotopes and on neutron diffusion and absorption cross-sections, including their temperature and velocity dependence.

Ramm came to the US in 1947 under a Department of Commerce "Paper-clip" contract. After working on ultrasonics and solid-state physics problems for one year at the US Naval Shipyard in Philadelphia, he transferred to Fort Monmouth where he initiated and carried out major investigations devoted to nuclear-radiation dosimetry, magnetic detection of high-altitude explosions and hydromagnetic wave propagation in the ionosphere. More recently he worked on absolute dosimetry techniques for use at high-intensity nuclear weapons simulators and on the analysis of anisotropic dose distribution near interfaces of materials differing in atomic number. During 1956-57 he was instrumental in planning experiments at the Food and Container Institute in Chicago in connection with nuclear radiation sterilization of foods.

Beyond his professional field, Ramm maintained a lifelong and very active interest in arts and sciences. Having considered a career in music in his youth he remained an accomplished musician who knew and loved, in particular, the works of Bach, Mozart and Brahms. Throughout his later life he continued to play both the organ and

piano. He kept up with developments in astronomy and astrophysics which he had studied in Leipzig, and his vivid interest in linguistics led him to study Russian, Japanese and Chinese in some depth during recent years. His interest in both spiritual man as



RAMM

well as modern-day social issues evidenced itself in his philosophy and by service to his church.

Those of us privileged to have known him remain enriched by the experience. He will be very much missed by all of his friends and colleagues.

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Dolphus E. Milligan

On 18 October Dolphus E. Milligan, chief of the photochemistry section of the National Bureau of Standards, died suddenly in his office. A few days before his death, he had learned that his studies of the spectra of molecular

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