

## we hear that

left behind on the moon by the Apollo 11 astronauts. NASA recognized his contributions by appointing Faller as Principal Investigator for the Lunar Experiment (LURE) team.

### Michelson named to Hall of Fame for Great Americans

Albert A. Michelson, the first American to be awarded a Nobel prize (in 1907), has been elected to the Hall of Fame for Great Americans. Elections are held every three years; to be eligible, nominees must have been dead for at least 25 years. Michelson, who died in 1931, joins three other physicists—Joseph Henry, J. Willard Gibbs and Benjamin Franklin—among the 95 Americans in the Hall of Fame.

### Francia, Sloan and Cooke to be honored by OSA

The Optical Society of America will present three awards to distinguished scientists at its spring meeting on 5-8 April in Tucson, Arizona. The recipients of the awards are G. Toraldo di Francia (the C. E. K. Mees Medal), Louise L. Sloan (the Edgar D. Tillyer Award) and Frank Cooke (the David Richardson Medal).

The Mees Medal is presented biennially to a recipient who exemplifies the thought that "optics transcends all boundaries." Toraldo is receiving the award in recognition of his participation in international organizations and of his important scientific research. Presently, he is working in quantum electronics, optics and electromagnetic waves. Toraldo is a professor of physics at the Italian National Institute of Optics, president of the International Commission for Optics and a member of the board of the Physical Society of Italy.

Sloan is receiving the Tillyer Award for vision because of her many accomplishments in color vision, color deficiencies, acuity, perception and clinical ophthalmology. This award, like the Mees Medal, is presented biennially and consists of a citation and a medal. As director of the Laboratory of Physiological Optics of the Wilmer Institute at Johns Hopkins Medical School, Sloan has also contributed to light sense, visual acuity, convergence-accommodation relationship, perception and subnormal vision.

The third award, honoring contributions to applied optics, will be awarded to Frank Cooke for his pioneering accomplishments in fabrication and polishing of optical materials. The Richardson Medal is awarded annually and was

established to recognize significant contributions primarily to technical optics. Cooke lives and works in Massachusetts where he operates an optical shop, in which he develops new techniques of optical fabrication and also carries on a business of polishing special optical materials and optical components.

### IEEE honors Johnson with David Sarnoff Award

The David Sarnoff Award, presented by the Institute of Electrical and Electronics Engineers for outstanding contributions in electronics, was presented to John Bertrand Johnson on 29 Oct. at the International Electron Devices Meeting in Washington, D.C.

Johnson, who retired from Bell Laboratories in 1952 and was subsequently associated with Thomas A. Edison Industries and McGraw-Edison Co, received a gold medal, certificate and \$1000. He was honored "for fundamental contributions of major importance to electronics and communications."

A native of Sweden, Johnson came to the US in 1904 and received his PhD from Yale University in 1917; he then joined the engineering department of the Western Electric Co. Later, he was a member of the technical staff of Bell Laboratories and then served as head of the physics department of Thomas A. Edison's Industries' Research Laboratory, moving to the position of laboratory head.

**Samuel Globe** has been promoted to assistant director of technology at Battelle Memorial Institute, Seattle.

**Alexander Abashian, Tom Elioff** and **Robert M. Woods** recently joined the high-energy physics program, division of research, the Atomic Energy Commission. Abashian and Elioff are on leave from the University of Illinois and the Lawrence Radiation Laboratory, Berkeley, respectively. Woods was formerly with Case-Western Reserve University.

**Kumar N. Patel** has been promoted to director of the electronics research laboratory at Bell Telephone Laboratories.

Clarkson College of Technology has appointed **Sydney G. Davison** as professor and **John C. Love** as assistant professor. Davison was previously with Waterloo University, Ontario, and Love with Yale and Carnegie-Mellon Universities.

**David Sternberg**, formerly of Hudson Laboratories and the Center for Naval

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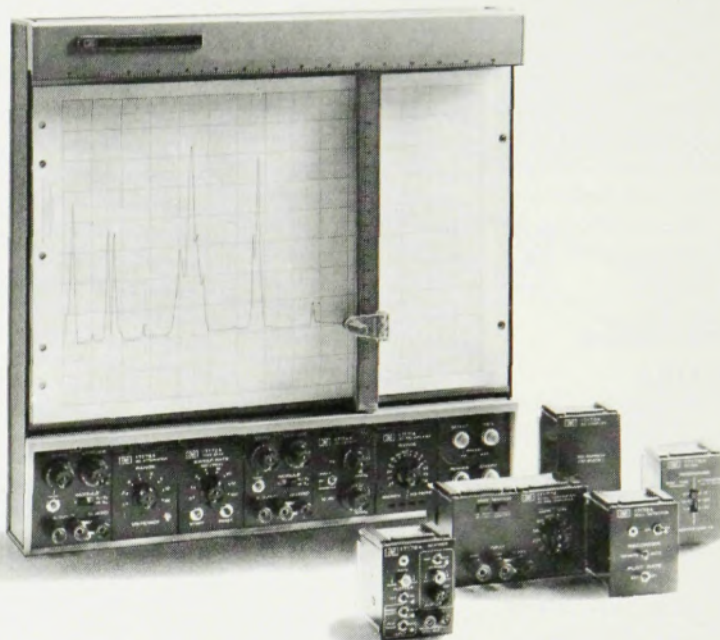
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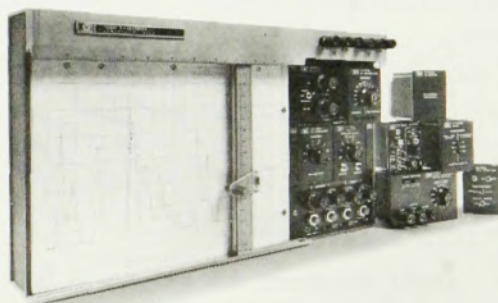
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Analyses, has become physics chairman at Seton Hall University. **Peter Stamer** and **Sedong Kim** are associate professors and **Gary Greenhut** of Northeastern University and **Harry A. Ashworth** of Carnegie-Mellon University have been named assistant professors.

The University of Kansas named **Robin E. Davis**, **Wesley P. Unruh** and **Peter A. Wehinger** as associate professors and **Douglas McKay** as assistant professor. **N. Wyman Storer** has become professor emeritus and **Thomas P. Armstrong** has been promoted to associate professor.

At the University of Massachusetts, Boston, **Donald H. Lyons** has been appointed physics chairman, succeeding **Marvin M. Antonoff**. **Kenneth W. Ford**, formerly with the University of California, Irvine, was named professor and **John R. Shane**, associate professor.

**Dieter Brill**, formerly with Yale University, is now a professor at the University of Maryland.

**Robert W. Balluffi**, professor of material science and engineering at Cornell University, has been named to the Francis Norwood Bard Professorship.

**Norman A. Blum** has joined the Johns Hopkins Applied Physics Laboratory. He was previously a senior research physicist in the components technology laboratory at the NASA Electronics Research Center.



Bell Telephone Laboratories has promoted **Mauro DiDomenico** to head of the Optical Device department. In this position, DiDomenico will be responsible for development programs involving solid-state lasers, nonlinear optical devices and nonlinear optical materials. Since joining Bell Laboratories in 1962, he has studied lasers, nonlinear optical devices and materials, photodetectors, luminescence and ferroelectric and semiconductor materials. Before his promotion, he was supervisor of the Optical Materials Properties Group.

Raytheon Co named **Charles Fowler** as a vice-president and manager of its equipment-development laboratories. He was formerly deputy director of defense research and engineering at the Department of Defense.

Formerly assistant director of NASA Electronics Research Center, **Lester C. Van Atta**, has joined the University of

Massachusetts, Amherst, as professor of electrical engineering and as associate dean for research in the school of engineering.

The Illinois Institute of Technology has named **Leonard I. Grossweiner** as chairman of the physics department and has promoted **William D. Brennan** to assistant professor.

**William J. Galloway** has been elected to principal consultant, the highest technical position at Bolt Beranek and Newman, Inc.

**P. W. Chan**, lecturer from the University of Hong Kong, has joined the staff of Colorado State University as an assistant professor of electrical engineering. **David F. Edwards**, physics professor at the university, is now a professor of electrical engineering and physics.

At the University of Denver, **Tsu-Teh Chou** from the State University of New York, Stony Brook, has been appointed assistant professor.

**Stuart J. B. Crampton** is the new chairman of the physics department at Williams College, succeeding **Ralph P. Winch**, who was chairman for ten years. Crampton was formerly an associate professor at the college.

At NASA Ames Research Center **Charles P. Sonett** has become deputy director of astronautics. He was formerly chief of space-science division, a position that is now held by **Michel Bader**. Bader will also continue serving as chief of the airborne science office.

Effective 30 June 1971, **Frank L. Hereford Jr**, vice-president and provost at the University of Virginia, will return to full-time teaching and physics research.

Florida Atlantic University College of Science appointed **Franklin Schroeck** and **Stephen W. Bruenn** as assistant professors.

Promoted to assistant vice-president of engineering at Telesat Canada is **John Almond**.

Harvard University has announced the appointment of **Richard G. Leahy**, a geophysicist, as assistant to the president for civic and government relations.

Newly appointed at the Western Electric Engineering Research Center are **Donald L. Weinberg** and **Paul Mostek**. Mostek comes from Cornell's Laboratory of Nuclear Studies and Weinberg from NASA Electronics Research Center.

At the University of South Florida at Tampa, **S. C. Bloch** has been promoted

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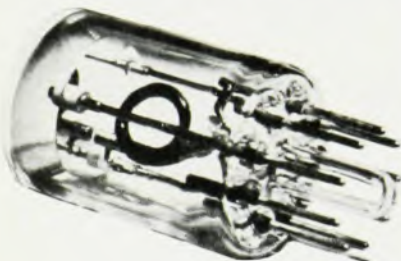
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to professor and **W. D. Jones**, formerly of Oak Ridge National Laboratory, has been named associate professor. **J. Pytlinski** has been appointed adjunct associate professor.

**G. C. McVittie**, now on sabbatical leave from the University of Illinois, has resigned as head of its department of astronomy, but will retain his post as professor.

McDonnell Douglas Research Laboratories has announced the appointment of four new managers. They are **Raimo J. Hakkinen**, to the flight-sciences group; **T. J. Menne**, to the radiation-sciences group; **Clarence J. Wolf**, to the chemical-physics group, and **Solomon Zwerdling**, to the solid-state sciences group.

**Frederick Cooper**, formerly of Cornell University, will be assistant professor at the Belfer Graduate School of Science, Yeshiva University.

Promotions at the University of Virginia physics department include **Hugh P. Kelly** and **Roger C. Ritter** as professor. The department has also made the following new appointments: **James S. Trefil**, associate professor and **Eleftherios Economou** and **James S. McCarthy**, assistant professors.

**Robert T. Borawski**, the former operations manager for high-frequency products of Motorola Semiconductor, has joined Raytheon Company's semiconductor division as manager of discrete products operations. He succeeds **Francis M. Dowd**, who was promoted to division general manager.

The International Astronautical Federation has elected the following officers: **A. Jaumotte** (Belgium), president; **G. E. Mueller** (US), **H. G. S. Murthy** (India), **L. G. Napolitano** (Italy) and **L. I. Sedov** (USSR), vice-presidents.

**David E. Carlson** has joined the scientific staff of RCA Laboratories at the David Sarnoff Research Center.

## obituaries

### Alfred W. Solbrig

Alfred W. Solbrig, atomic-energy specialist at the Idaho Nuclear Corp, died 17 Oct. at the age of 47.

Upon receiving his PhD degree in physics from Vanderbilt University in 1953, Solbrig was employed by the Argonne Laboratory where he did work

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