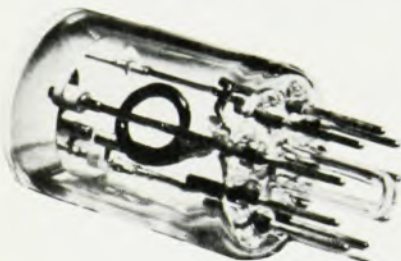


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SEE US AT BOOTH #39



we hear that

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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in reactor physics and helped design the boiling-water reactor experiment V. During this period he spent a year as associate professor of Nuclear Engineering at Purdue University. Later he joined the nuclear-technology branch of Phillips Petroleum Co, where his work was concerned with the development of models for force fields in crystals and with the theory for calculating crystal vibrations.

Joseph M. Keller

Joseph M. Keller, professor of physics at Iowa State University, died on 13 Oct. at the age of 59. He received his BS degree from Harvard University and his PhD from the University of California, where he was a teaching assistant.

Previous to his graduate study, Keller was a research engineer with Westinghouse Electric Co. Before going to Iowa State, he taught at the University of British Columbia, Washington University and Columbia University and was a scientist at the Los Alamos Scientific Laboratory. While teaching at Iowa State, he was also an associate physicist and later senior physicist in the Institute for Atomic Research and the Ames Laboratory.

Hans Kronberger

Hans Kronberger, director of reactor development for the UK Atomic Energy Authority's industrial group, died on 30 Sept.

The 50-year old physicist was born in Austria and went to the UK as a refugee from the Nazis in 1939. He joined the British wartime nuclear research group, and later the Atomic Energy Authority at Harwell.

Because of the role he played in the development of diffusion plants for separation of uranium isotopes, he was honored with election as a Fellow of the Royal Society.

Benjamin Boss

Benjamin Boss, a former editor of the *Astronomical Journal*, died last fall at the age of 90. He had been director of Dudley Observatory (of the State University of New York) from 1912 to 1956 and editor of the *Astronomical Journal* from 1912 to 1941.

His *General Catalogue*, published in 1937, lists the positions and motions of 33 342 stars; it was a project that took 30 years of work by Boss and his assistants. Together with his father, also a director of Dudley Observatory, Boss is honored on the map of the Moon by two craters that are named for the father-and-son pair of astronomers. □

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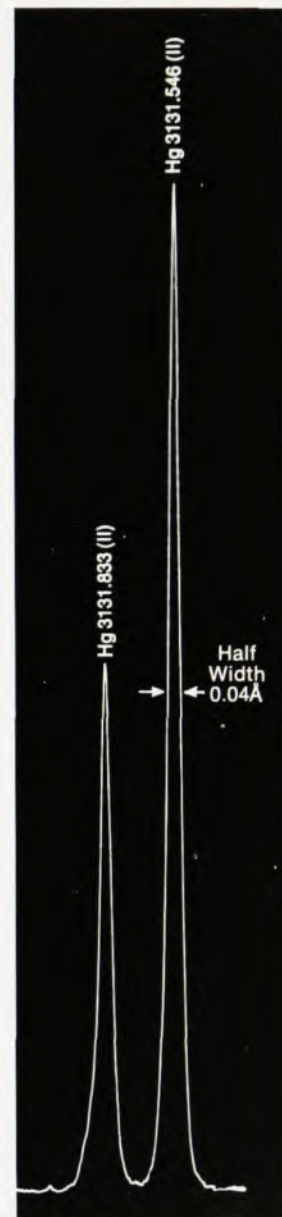
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