

A

FALL MEETING

AMERICAN ASSOCIATION OF PHYSICS TEACHERS, OREGON SECTION

Saturday, November 6, 1971

Oregon State University

Weniger Hall, Room 153

P R O G R A M

- 9:00 a.m. Registration and Coffee. Main Entrance, Weniger Hall
- 9:30 a.m. "Endothermic and Exothermic Inelastic Collision Demonstration on the Air Track." V. A. Madsen and Larry Hughes, Oregon State University.
- 9:50 a.m. "A Science Advisor Loose in South Viet Nam." Dirk Ten Brinke, University of Oregon and South Eugene High School.
- 10:15 a.m. "Computer Generated Solutions for Classroom Use." David V. Grillo, Oregon State University; Timothy G. Kelley, Southern Oregon College.
- 11:00 a.m. "Graphic Displays in Undergraduate Physics Courses." Peter R. Fontana, Oregon State University.
- 11:25 a.m. "Science Education: Is Planning Possible?" Roger Eiss, Oregon Graduate Center.
- 12:00 a.m. LUNCH
- 1:30 p.m. Business Meeting
- 1:50 p.m. "A Critical Look at the Philosophy of Quantum Mechanics: Is This The Best We Can Do?" Saillie W. Abbas, Linn-Benton Community College.
- 2:15 p.m. "Physics of Music." Kwangjai Park, University of Oregon.
- 2:40 p.m. "Applications of Cryogenics to Air Pollution." J. C. Cooper, University of Oregon.
- 3:05 p.m. Coffee
- 3:25 p.m. "Quantum Beats in Beam Foil Experiments." Mark Alguard and Charles W. Drake, Oregon State University.
- 3:50 p.m. "The  ${}^6\text{Li}(n,\alpha)$  Reaction." J. C. Overley, University of Oregon.

There were 53 in attendance from such schools as: Catlin Gabel School, Reed College, Lewis and Clark, Oregon Graduate Center, University of Portland, Willamette University, Reedsport High School, Oregon College of Education, Pacific University, University of Oregon, Southern Oregon College, Corvallis High School, Sheldon High School, Churchill High School, Linn-Benton Community College, and Newport College and members from the Physics Department and the General Science Department of OSU.

On Tuesday, March 14, 1972, the Physics Department dedicated its Reading Room and working collection of books and periodicals in honor of Edwin A. Yunker, Professor of Physics Emeritus. In an informal ceremony, to mark the dedication, a bronze plaque was unveiled and mounted on the door of the Reading Room. Theran D. Parsons, Acting Dean of the School of Science, expressed to Professor Yunker the University's appreciation for his many and varied contributions to the University, the School of Science and to the Physics Department.

Present were Francis A. Gilfillan, former Dean of the School of Science; David B. Nicodemus, Dean of Faculty; Mrs. Yunker; and members of the faculty and staff of the Physics Department.

Professor Yunker was Chairman of the Physics Department from 1949 to 1965, the period of the department's greatest growth. During his occupation of this post the department was involved in several major projects including the acquisition of the University's first electron microscope and the construction and completion of the OSU cyclotron. Professor Yunker joined the OSU staff in 1925, and was associated with the first general radio broadcasting system in Oregon when KOAC was first activated.

The Oregon Section of the American Association of Physics Teachers is holding its spring meeting at Reed College in Portland on Saturday, April 8, 1972. Physics Teachers at all levels from all over the state will be participating. Two papers will be presented by members of the Physics Department. Associate Professor Howard A. Davis will speak on wind power, and R. P. Srivastava, a graduate assistant will speak on some special features of spectral lines which he discovered while working under the supervision of Associate Professor Peter Fontana.