

Weekend Meetings Set for Physicists

A total of approximately 70 physics instructors from Oregon and Washington will be on campus Saturday for the 65th meeting of the Oregon Section of the American Association of Physics Teachers. All sessions will be held in the Science building.

The meeting, one of three held annually, will include speakers from Reed college, Oregon State college, and the University of Oregon. Students majoring or are interested in physics are invited to attend the sessions.

Program events for the meeting are as follows:

- 9 a. m. — Registration
- 9:15 a. m. — "Origins of the Earth's Magnetic Field," G. D. Hoyt, associate professor of physics.
- 9:30 a. m. — "Observation of

Short Period Fluctuations in the Geomagnetic Field," P. A. Goldberg, associate professor of physics.

9:55 a. m. — "New Technique for Evaluation of Cloud Seeding Operations," R. L. Lincoln, Oregon State college.

10:40 a. m. — "The Complex Stellar System Algol," E. G. Ebbighausen, associate professor of physics.

11:00 a. m. — "Report on New York Meetings of the APS and the AAPT," R. T. Ellickson, head of the physics department.

12 noon — Luncheon on campus.

1:30 p. m. — "Positronium," B. Craseman, assistant professor of physics.

1:45 p. m. — "Some Electronic Properties of the Silver Halides," F. C. Brown, Reed college.

2:05 p. m. — "Some Characteristics of a Ground Germanium Surface," P. Camp, Reed college.

2:20 p. m. — "Laboratory Experiments for Non-technical Students," F. E. Dart, assistant professor of physics.

2:40 p. m. — "New Methods and Techniques in Shop and Instrumentation," C. J. Filz, Oregon State college.

3 p. m. — Tour of the Science building.

AFSC Officer Here Monday

Wilton Hartzler, college secretary of the American Friends Service committee, will be on campus Monday and Tuesday to interview students interested in working in the committee's service projects.

Monday at 8 p. m., Hartzler will show slides illustrating the service projects and explain their purpose. This meeting will be held in the Student Union.

Monday and Tuesday he will interview students at the YMCA office. Appointments can be made in that office to see Hartzler.

"Building Bridges Over Barriers" is the theme of the 1954 projects. Student accepted for the program will participate in work camps in this country, Mexico and Europe and may work in mental hospitals, slum areas and industrial districts.

Gregorian Choir Tickets on Sale

Tickets are now on sale at the Student Union main desk for the Mt. Angel Seminary Gregorian Choir concert scheduled for February 25, SU Special Events Chairman Donna Schafer has announced.

The tickets, priced at 50 cents, will be sold to students and faculty members until next Monday, after that sales will be opened to the public, with a charge of 85 cents, Miss Schafer said.

Construction Continues On Giant Spectrograph

Three members of the physics department are currently constructing a market-priced \$18,000 Wadsworth mounting spectrograph with a 35 foot grating at the University for the approximate sum of only \$2800.

The spectrograph, an instrument which analyzes the composition of radiation, was started last March by S. Y. Ch'en, associate professor of physics; Robert B. Bennett, research, and Harold D. Osborn, technician.

Research grants from the graduate school have assisted the instrument financially thus far. Allotments of \$2,000 and \$600 have been given during the past year, with the probable addition of \$200 needed before the work is completed.

According to Ch'en, the staff has completed six months of work since last March. When the instrument is completed this summer, it will probably be the largest spectrograph west of the Rocky mountains.

With the exception of the 35-foot grating and the concave reflector, all the remaining work on the instrument has been done by staff members. The grating and concave reflector was priced at \$1318.

The spectrograph records a spectrum and has very high dis-

persion and resolving power. When completed, it will be used chiefly for research.

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Campus Calendar

- 8:30 Ore Press Conf Registration Lobby 2nd Fl SU
- Noon Ore Press Conf Lunch Ballrm SU
- Italian Tbl 110 SU
- 2:00 AWS Style Show Ger 2nd Fl
- 4:00 Fri at 4 Fishbowl SU
- 7:45 Fri Eve Cof Hr Brs. Rm SU
- 8:00 Landau Lect Dadsrm SU

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