

Scientists Say Sun Will Last Another 100 Billion Years

By RODNEY HUGHES
Emerald Staff Writer

Our sun will last "only" another 100 billion years, said Condon lecturer Otto Struve Thursday night.

Struve, chairman of the Berkeley Astronomical Institute, spoke to the near-capacity audience in the Student Union ballroom on "Evolution of the Stars and Galaxies." The lecture was illustrated with slides of pictures of the universe.

Struve told the audience that the number of stars visible to today's telescopes is a number so large that there is no name for it. Another "astronomical" figure quoted was that of the distance between stars; if a star were reduced to the size of a raindrop, the distance between these tiny stars would be 40 miles.

Curious Explosions

Another phenomenon Struve pointed out was the curious explosions that disintegrate stars. These explosions are perceived once every 200 years, and may be seen as bright stars even in the daytime. One is about due said Struve, and would be "much more spectacular than Sputnik."

Struve said that some physicists think that the universe once con-

sisted entirely of hydrogen gas and other elements evolved from this gas. The theory is based on the observation that there is less hydrogen now than existed a billion years ago and the gas is still being converted to helium in the burning of the many suns. From this basic hydrogen came the dust clouds, gases and suns that make up the universe.

Struve declined to comment on how the hydrogen came to be.

Presbyterian Visit Set by Y Groups

Central Presbyterian Church is the second to be included under the YW-YMCA sponsored Church Visitation Program.

All members and interested people are asked to meet at 10 a.m. Sunday in the main dining room of Straub Hall.

The group will meet with the Rev. Barlow of Westminster House to discuss the background of the Presbyterian Church and its basic beliefs. Services will be held at 11 a.m.

Other churches to be visited in the future are the Roman Catholic Church and the Christian Science Church.

Fate Remains Dubious For Big, Wooden 'O'

Oregon's "O" was still missing Thursday, and student leaders on both Oregon and Oregon State campuses weren't sure just what would happen in the case of the missing 20 by 40 foot letter.

A caller early Thursday morning told ASUO President Jim Lynch that the wood and metal O, stolen sometime Tuesday and definitely somewhere in Corvallis, was on top of the Acacia fraternity house. Emerald correspondent Roger Widness, editor of the OSC Daily Barometer, had nothing to report Thursday night although he claims he knows the identity of the O holders.

OSC Rook bonfire officials stood firm in their promise not to burn the letter should it appear atop the wood heap tonight. Destruction threats had been made earlier.

Halloween Party Set

The Quaker group Young Friends and guests are invited to a Halloween party this Saturday evening. Transportation will be provided from the east door of the Student Union. For further information call Carolyn Vaaler, DI 4-9171, or see Creech Ishida, 110 Science.

Prep Conference Set

More than 150 high school students and teachers from Oregon will be on the campus Saturday, Nov. 2, for the annual High School Broadcasting Conference. The theme of this year's conference is "How Your School can Produce Better Programs for the Radio and Television Stations in Your Community."

UO Campus Scenes To Be on KVAL-TV

Scenes from various phases of University of Oregon life, including the Student Union, classrooms, and labs, will be featured over KVAL-TV at 7 p.m. Saturday on "Road to Adventure."

Many students are included in the scenes.

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