

## Ebbighausen, Physics Professor, To Lecture on Universe Theory

A lecture by Dr. E. G. Ebbighausen, associate professor of physics, entitled "A Theory of the Universe," will be given at 8 p.m. tonight in 207 Chapman.

Ebbighausen says the theory is one which has been advanced in the last decade. The theory says that the world process of element formation took place in about one-half hour's time. During that half hour all matter which was in a

highly condensed form exploded and in the process of explosion the chemical elements were formed.

### Explains Theory

Since that explosion, Ebbighausen said, little has occurred in the change of chemical formations, and very little is known of what constituted the chemical formations before the explosion took place.

Ebbighausen was interviewed Tuesday afternoon on the subject of his lecture tonight.

"The problem of physicists concerned with this subject is to explain the distribution of matter in the universe," said Ebbighausen, "and also to explain why the chemical composition is so uniform."

### Earth, Other Bodies Similar

The theory of the explosion is said by some physicists to explain this uniformity and distribution. That the chemical composition of various parts of the universe are uniform is known; the earth is like the sun, meteorites, and interstellar matter. Ebbighausen concluded that the chemical composition looks very much as if it had a common origin.

This common origin is explained in the fact that the explosion created planets and stars, and at the same time parts of the exploding mass was distributed through the atmosphere.

### Date: 3 Billion B.C.

The date of the explosion is estimated, said Ebbighausen, to be about 3 billion years ago. This estimate is arrived at by examining collections of stars which are scattered about. These spiral nebula, of which our sun and stars are included, are about the same size and are all going away from the earth. The farther away they are, the faster they are going and, according to Ebbighausen, if it can be learned how fast and how far they have gone, then it can be seen when the explosion occurred. It would appear, Ebbighausen said, that all matter in the universe started originally from one point.

Dr. Ebbighausen in his lecture will explain how the theory originated and explain further how the theory conforms to what is already known about the composition of the elements.

### Inquiring Reporter

## Students Favor Square Dance On Campus

With square dancing increasing in popularity throughout the country and with the report that nearly 1,000 students attend the square dancing sessions at OSC, Oregon students were asked their opinion on the matter.

"Do you think square dancing has a definite place in U of O extra-curricular activities?" was the question. For those interested the physical education department in cooperation with the SU board sponsors a square dancing class for beginners and advanced square dancers on Wednesday evenings beginning at 7:30 in the SU ballroom.

Pat Bellmer—sophomore in liberal arts—"Yes! I do! Square dancing is entertaining, gives an opportunity to increase your acquaintances, and besides, it's a lot of fun."

Jack Elliott—junior in liberal arts—"I think it would depend on the individual. I don't care for square dancing myself but if an interest is shown, I think it would certainly be all right on this campus."

Connie Ohlsen—sophomore in languages—"I can't say it isn't a good idea. I think the attention that is given to beginners is a drawing card. I hope to go some day."

Dick Kesson—freshman in architecture—"I don't know. I've never had anything to do with square dancing. It would be all right for those who are interested."

Joan Skordahl—junior in history—"It seems to be such a fad and it's so much fun. It's something to do besides a movie or a coke date and it is such an up-and-coming activity. It provides an opportunity for students who don't care for modern dancing to get together and to get to know each other."

Jerry Cach—freshman in architecture—"I think it's a good idea because it has a definite development toward our western culture."

Bev Robathan—senior in psychology—"We used to do it at San Diego and it was a huge success. We need some life on campus and it might bring some pep and spirit back."

Doug Clayton—freshman in liberal arts—"I don't think so because it takes up too much time which could be used in other extra-curricular activities."

Joan Kappel—freshman in liberal arts—"Yes, I think it has a place but I don't think too much emphasis should be placed on it. I don't do it myself so I really can't say too much."

Wallace Eakin—junior in liberal arts—"As far as I'm concerned it doesn't have a place. As far as I can see there are enough activities to keep things going and the church groups provide ample activities. It seems to be another thing to keep you from your studies."

Cleta Anderson—sophomore in liberal arts—"Well, yes. It is coming back and just now hitting the West Coast. It's a craze in California and is being taught in every other community. It's lots of fun."

Don Delaney—freshman in liberal arts—"I think it's a good idea because then if I ever have the opportunity, I'll know how."



ARTHUR MACARTHUR, 12-year-old son of Gen. Douglas MacArthur, dances for the first time in public at a party in Tokyo. His partner is Joyce Yamazaki, the nisei daughter of an employee in his father's headquarters. (AP WIREPHOTO)

## Phi Sigma Kappa To Honor Six 'Moonlight Girl' Candidates

Phi Sigma Kappa will honor the six finalists in its Moonlight Girl contest with dinner Thursday. The winner will be announced at the fraternity's formal house dance Jan. 27 in her honor.

The Moonlight Girl will be awarded a gold necklace and a cup. Her house will win possession of the rotating Moonlight Girl trophy.

Candidates for the honor are Pat Foley, Alpha Chi Omega; Donna Claire Ringle, Alpha Delta Pi; Fern Lyon, Alpha Gamma Delta; Sherry Antony, Alpha Omicron Pi; Thelma Savelich, Sigma Kappa; and Barbara Brabham, Zeta Tau Alpha.

Miss Foley, a junior, is from Pendleton, majoring in art. Miss Ringle is an ADPi pledge whose home is Portland. She is majoring in art and speech education.

Moonlight Girl candidate from Alpha Gamma Delta, Fern Lyon, is a sophomore in art, and works as a secretary in Emerald Hall. Her home is Empire, Oregon.

Sophomore Sherry Antony lives in Medford. A sophomore in liberal arts, she is interested in secretarial science.

Sigma Kappa Thelma Savelich, is also a sophomore in liberal arts.

The brunette candidate has many hobbies including the collecting of friendship cups.

Barbara Brabham, is a sophomore in business administration, whose main interest outside of school is swimming.

## Athletic Committee To Lunch in Union

The Athletic Advisory Committee, which discusses athletic policies as they affect the student, will hold a luncheon meeting at the Student Union today.

Leo Harris, director of athletics, is chairman of the committee. Student members include Barry Mountain, ASUO president; Bill Harber, Inter-fraternity Council president; Anita Holmes, Emerald editor; Bill Clothier, Inter-dorm Council president; and Herb Nill, ASUO vice-president.

The committee is purely advisory in nature, Harris pointed out.

It's a simple matter to be popular with everybody, says a professor. Sure---just step out and inherit a million or two.

## Release And Indemnity Agreement For Minor

Permission is given herewith voluntarily to my son (daughter) .....

..... to make a donation of blood to the AMERICAN NATIONAL RED CROSS, to be used in any manner it deems advisable, and for that purpose may, at his or her own risk, submit to the tests, examinations and procedures necessary and customary in connection with donations of blood. The undersigned parent and minor agree that neither the AMERICAN NATIONAL RED CROSS, nor any surgeons, physicians, technicians, nurses, agents officers or employees connected with any of them or who may be participating otherwise in connection with the operation of the AMERICAN NATIONAL RED CROSS BLOOD CENTER, shall be in any way responsible for any consequences to the minor named herein from the giving of such blood, or from any of the tests, examinations or procedures incident thereto, and the undersigned do jointly and severally hereby release and discharge each and all of the above named individuals and the AMERICAN NATIONAL RED CROSS from any and all claims and demands whatsoever which we, or either of us, have or may have against them, or any of them, by reason of any matter relative or incidental to such donation of blood.

The undersigned parent, in consideration of the premises, does hereby covenant with any of the individuals named hereinabove who are in any way connected with the operation and supervision of the Blood Center operated by the American National Red Cross, and the AMERICAN NATIONAL RED CROSS, that the undersigned parent will at all times hereafter indemnify each and all of said individuals and the AMERICAN NATIONAL RED CROSS against all claims, demands, damages, suits or actions which may be brought or made against said individuals or any of them on account of the donation of blood authorized herein.

IN WITNESS WHEREOF, I hereunto set my hand and seal this ..... day of .....

....., 19..... In the presence of:

..... (SEAL)  
Parent  
..... (SEAL)  
Minor

### FRESH FRUITS

Apples, Oranges

Right for Snacks

### DAIRY PRODUCTS

Milk—Cheese—Ice

Cream—Always Good

### FROZEN FOODS

All the usuals

Plus Frozen Fruit

### BAKERY ITEMS

Bread, Rolls

Cookies—All Goodies

### VEGETABLES

So good for you

and they're fresh

### QUALITY MEATS

Lunch meats are

what you want

### HOGANS GROC. & COOK'S MKT.

4-6209

544 13 E.

### TIMELY NEWS



Anne Old Time

Sez:

"I'll Tell on You"

And

What she says is very true

### TIME WILL TELL

But only on those who have their watches repaired down town at

### BRISTOWS

Jewelers

620 Willamette

## Countries Plan Foreign Study

Fellowships and scholarships for study abroad during 1951-52 have been announced by the Institute of International Education, with Mar. 1 as the closing date for applications.

Countries granting these fellowships include Austria, England, France, Germany, Italy, Latin America, The Netherlands, Sweden, and Switzerland.

Among requirements for the study grants are American citizenship, holding of a bachelor's degree, good academic record, and ability to read, write, and speak the language of the foreign country.

Further information on these various foreign fellowships may be obtained in the office of J. D. Kline, associate director of student affairs, Emerald Hall, or by writing directly to the Institute of International Education, 2 West 45th Street, New York 19, N. Y.

## Freshman Council To Meet Tonight

The freshmen council will meet tonight at the SU from 8-9 p.m. to complete discussion on the newly-drawn up constitution. The room number for the meeting will be posted on the bulletin in the lobby.

The constitution, which was drawn up by a group selected from the council, will be voted on in the various freshmen living organizations after the council has passed its final approval on it.

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### ERB MEMORIAL STUDENT UNION

BASEMENT LEVEL

NORTH END