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News Release

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RELEASE ON RECEIPT - NOT LATER THAN MONDAY MORNING, JUNE 8

DR. PHILIP OETKING TO SPEAK ON LUNAR GEOLOGY AT AEROSPACE
WORKSHOP FOR TEACHERS, EAST TEXAS STATE COLLEGE

COMMERCE -- Dr. Philip Oetking, specialist in both the geology of the Moon and the geology of Texas, will speak here Monday, June 8, at the East Texas State College Aerospace Workshop for Teachers.

Doctor Oetking is a research scientist on the Geosciences faculty of the Graduate Research Center of the Southwest, in Dallas.

His talk, on "Lunar Geology", will open the workshop, at 9:30 a.m., and will be presented in Mayo Hall. It will be illustrated, with a series of large slides showing the greatest detail yet obtained on some moon surface areas.

Doctor Oetking, a graduate of the University of Wisconsin, has been a geological consultant to several major oil companies since 1957, and was for six years a field and laboratory research team leader for Sun Oil Company. His explorations have resulted in detailed mappings of the gulf coast, New Mexico, Arizona, Utah, Venezuela, Colombia, and Trinidad.

In addition, from 1962, he has advised Ling-Temco-Vought on lunar and planetary problems affecting the design of vehicles for surface exploration of the Moon. The basic design from these studies centers on a two-man module, to be detached from an orbiting

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space transport; the smaller vehicle would make actual Moon-landing, during which at least one man would stand on the Moon's surface for a brief exploration. The vehicle would then return to the orbiting transport for its Earth-travel.

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Moon-surface features, as explained by Doctor Oetking, appear to include both those formed by impact of meteors and those formed by volcanic means, including 120-mile systems of small craters spaced closely at regular intervals. Other features include dust rays, probably small in depth, and reflective surface material with many pores.

Doctor Oetking is also the designer of the Geological Highway Map of Texas, first published in 1959. Texas is one of the two states with a complete geological mapping related to its highway system, rather than to railroads and survey marks alone.

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