

Faculty Lecture to be held in Sherwood Hall, Art Center in La Jolla on October 30

October 20, 1961

Albert E. J. Engel, Professor of Geology at the University of California, San Diego, will give a free public lecture on "The Evolution of Continents" in La Jolla at 8:00 p.m. Monday night, October 30.

Engel's will be the second in the Fall 1961 Faculty Lectures jointly sponsored by the Theatre and Arts Foundation of San Diego County and the University of California, San Diego. The talk will be given at Sherwood Hall, Art Center in La Jolla. The public is invited. Admission is free.

Most continents are at least three billion years old and continental nuclei probably began to form during the Earth's infancy, over five billion years ago, Engel says.

"Studies of the oldest rocks on the continents indicate they are unlike the 'average' continent Engel says, "but strikingly similar to the island arcs that lie between continents and ocean basins. Studies suggest that continents have grown through episodic accretion of many island arcs like those in the Caribbean and in the Indonesian Archipelago. The root zones of these accreted island arcs have been partially melted, the molten lava streaming up to replace, and cement together, and nourish the growing continental mass."