



Einstein Week 2011

UNO Society of Physics Students
UNO Student Government
Department of Physics
College of Sciences

EINSTEIN LECTURE Wednesday, March 30 at 7:30 pm in CSB103: by Dr. Martin McHugh of Loyola University, on “The Physicist Robert H. Dicke and the Cosmic Background Radiation”.



Robert Dicke was one of the late 20th century’s most influential physicists. After a Ph.D. thesis in nuclear physics, and wartime work on microwave radar, Dicke made his early impact in the area of atomic physics. But by the mid 1950’s his interests had shifted towards gravitation and Einstein’s theory of General Relativity. Dicke was a primary force behind the then nascent field of experimental relativity. His approach to precision measurements has remained extremely influential. Surprisingly, in this day of increased specialization, Dicke’s theoretical work also continues to be influential.



In my talk I will discuss a number of aspects of Dicke’s work. One particular incident that is perhaps the most famous of his career, and exemplifies much of his work, is the role Dicke played in the discovery of the cosmic microwave background radiation.

PHYSICS IN THE QUADRANGLE Wednesday, March 30, 12:00 - 3:00 pm in front of the Library: demonstrations, information, and fun, including a hurricane machine, LaACES high-altitude balloon flight project, solar viewing telescopes, and other activities in front of the library.

OPEN HOUSE AT THE UNO OBSERVATORY Friday March 25 and Friday April 1, 7:30 - 9:30 pm, 3rd Floor of Science Building: Come see the stars and planets at UNO’s own observatory with a 12 inch f/11 Takahashi Dall-Kirkham computer controlled telescope for observing nebulae, double stars, planets and other heavenly bodies. Explanations and information by Dr. C. Gregory Seab, UNO Astrophysicist, and Mr. Michael Sandras, former Planetarium Curator for Kenner’s Daily Living Science Center. Public is invited. Cloudy weather cancels.

For more information contact cseab@uno.edu or call UNO Physics at 280-6341