

NCAR

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NCAR Scientist Delivers Prize Lecture at Harvard

BOULDER--Dr. John A. Eddy, a senior scientist with the National Center for Atmospheric Research (NCAR) in Boulder, Colorado, will deliver the James Arthur Prize Lecture at the Harvard-Smithsonian Center for Astrophysics in Cambridge, Massachusetts, October 6. The prize lecture is awarded to an outstanding scientist in the field of solar physics.

Eddy, an authority on the ancient history of the sun, will deliver the lecture on the interpretation of carbon-14 dated evidence from tree rings, ice and sea cores. This evidence gives contemporary scientists a glimpse of solar conditions during the most recent Ice Age, 10,000 to 70,000 years ago.

The NCAR scientist is the fourth solar physicist chosen to present the lecture in recent years. The James Arthur Fund was established upon his death in 1930 by a bequest to the Smithsonian Institution for "investigations and study of the sun and annual lecture by a distinguished scientist in the field." Arthur, a manufacturer of precision machinery, was fascinated with time and its measurement and designed and built more than a dozen clocks and watches.

A graduate of the U.S. Naval Academy, Eddy received his Ph.D. from the University of Colorado in solar physics and is a professor adjoint with the Department of Astro-Geophysics here. He is co-editor of the book, THE ANCIENT SUN, with R.O. Pepin and R.B. Merrill, and has published two other books, THE NEW SOLAR PHYSICS and A NEW SUN. Eddy is currently a member of the Board on Atmospheric Science and Climate, National Academy of Sciences, and was chairman of the Study Committee on Sun, Weather and Climate, for the Academy, during the past four years. He is also an associate editor of the journal Climate Change and a consulting editor of the journal Archaeoastronomy.

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