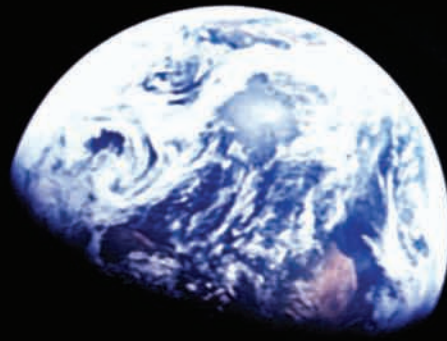
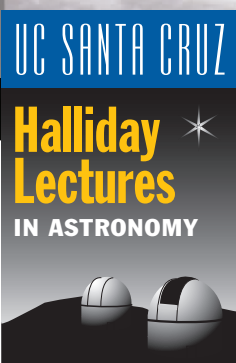


The UC Santa Cruz Department of Astronomy and Astrophysics
and the UCO/Lick Observatory present
the 10th Halliday Lecture

The search for other earths.



A new chapter in human history is opening in which we will know, for the first time, whether Earth-like planets exist around other stars.



Wednesday, November 17, 2010 7:00 PM
Rio Theatre (1205 Soquel Avenue, Santa Cruz)
FREE and open to the public. Reservations recommended.
Go to: community.ucsc.edu/hallidaylecture2010

Greg Laughlin, professor of Astronomy at UCSC, will take the audience on a guided tour of the bizarre menagerie of planets that have been detected so far. He will show how he and his UCSC colleagues are using the new Automated Planet Finder Telescope at Lick Observatory to push the envelope in locating potentially habitable planets orbiting the Sun's nearest stellar neighbors.

Astronomer Greg Laughlin is a leader in the field of extrasolar planet detection, and is also an expert on the long-term fate of the Earth, the Solar System, the Galaxy, and the Universe. He is coauthor of the well-received popular book *The Five Ages of the Universe: Inside the Physics of Eternity*.



This lively and engaging lecture is designed for the general public. It is presented as a part of the Halliday Lecture Series, which promotes public awareness and appreciation for astronomy. This year's lecture has been generously sponsored by Robert Sieker. We seek your help and support in keeping these lectures going. For information on giving, please visit: www.astro.ucsc.edu/support. For more information or for disability-related needs, please call (831) 459-2844.



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